



Control Number: 51415



Item Number: 1

Addendum StartPage: 0

Schedule H-1 2a1 (Lieberman)

SOUTHWESTERN ELECTRIC POWER COMPANY
Natural Gas Plant O&M Expense (Lieberman)
For the Test Year Ending March 31, 2020

| Line No | (1) FERC | (2) Description | (3) Percent Total | (4) Apr-19 | (5) May-19 | (6) Jun-19 | (7) Jul-19 | (8) Aug-19 | (9) Sep-19 | (10) Oct-19 | (11) Nov-19 | (12) Dec-19 | (13) Jan-20 | (14) Feb-20 | (15) Mar-20 | (16) Total |
|---------|----------|---|-------------------|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|
| 1 | | <u>Steam Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 6.00% | 37,260 | 32,221 | 35,292 | 35,711 | 35,316 | 21,028 | 21,302 | 15,465 | 18,942 | 13,071 | 10,419 | 16,699 | 292,726 |
| 3 | 5020 | Steam Expenses | 16.83% | 56,136 | 27,071 | 13,659 | 17,034 | 12,613 | 16,111 | 4,428 | 41,880 | 35,620 | 238,667 | 184,810 | 173,201 | 821,230 |
| 4 | 5050 | Electric Expenses | 9.92% | 41,114 | 39,152 | 56,832 | 83,243 | 70,649 | 44,966 | 86,638 | 21,603 | 40,828 | 929 | (1,982) | 76 | 484,048 |
| 5 | 5060 | Misc Steam Power Expenses | 33.48% | 111,719 | 109,275 | 97,746 | 167,232 | 157,976 | 212,665 | 187,846 | 198,441 | 264,980 | 50,710 | 41,833 | 33,064 | 1,633,488 |
| 6 | 5070 | Rents | 0.00% | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 12 | 12 | 12 | 107 |
| 7 | 5090 | Allowance Consumption SO2 | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | | | 66.24% | 246,237 | 207,727 | 203,538 | 303,228 | 276,562 | 294,777 | 300,223 | 277,397 | 360,378 | 303,389 | 235,092 | 223,052 | 3,231,599 |
| 9 | | <u>Steam Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 2.45% | 19,684 | 23,231 | 15,672 | 23,461 | 12,321 | 2,048 | 5,850 | 3,486 | 3,372 | 4,719 | 2,958 | 2,786 | 119,588 |
| 11 | 5110 | Maintenance of Structures | 5.47% | 26,578 | 4,154 | 5,213 | 16,433 | 26,396 | 27,235 | 11,084 | 7,299 | 68,487 | 23,322 | 25,919 | 24,985 | 267,105 |
| 12 | 5120 | Maintenance of Boiler Plant | 22.49% | 170,451 | 100,923 | 185,373 | 113,251 | 85,532 | 80,459 | 55,752 | 36,192 | 139,523 | 38,807 | 31,823 | 59,173 | 1,097,259 |
| 13 | 5130 | Maintenance of Electric Plant | 1.32% | 5,785 | 4,452 | 17,321 | 6,478 | 16,676 | (6,720) | 8,007 | 3,645 | 1,991 | (79) | 2,620 | 4,255 | 64,430 |
| 14 | 5140 | Maintenance of Misc Steam Plt | 2.02% | 2,858 | 6,077 | 4,659 | 2,885 | 3,393 | 5,645 | 543 | 391 | 1,327 | 55,669 | 13,686 | 1,575 | 98,710 |
| 15 | | | 33.76% | 225,357 | 138,838 | 228,238 | 162,508 | 144,318 | 108,667 | 81,236 | 51,013 | 214,700 | 122,437 | 77,006 | 92,774 | 1,647,091 |
| 16 | | <u>Other Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 17 | 5460 | Oper Supervision & Engineering | 0.00% | - | - | (3,314) | - | - | - | - | - | - | - | 3,554 | - | 240 |
| 18 | 5480 | Generation Expenses | 0.00% | - | - | - | - | - | - | - | - | (1) | - | - | - | (1) |
| 19 | 5490 | Misc Other Pwr Generation Exp | 0.00% | - | - | - | - | 4 | (3) | - | - | - | - | - | - | 1 |
| 20 | | | 0.00% | - | - | (3,314) | - | 4 | (3) | - | - | (1) | - | 3,554 | - | 240 |
| 21 | | <u>Other Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 22 | 5510 | Maint Supv & Engineering | 0.00% | - | - | - | - | - | - | - | 1 | (2) | - | - | - | (0) |
| 23 | 5520 | Maintenance of Structures | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 5530 | Maintenance of Generating Plt | 0.00% | 1 | 3 | (4) | (1) | (0) | 0 | (0) | - | (1) | 0 | (0) | (0) | (1) |
| 25 | 5540 | Maint of Misc Oth Pwr Generation | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 26 | | | 0.00% | 1 | 3 | (4) | (1) | (0) | 0 | (0) | - | (1) | 0 | (0) | (0) | (1) |
| 27 | | <u>Other Power Supply Expenses - Operation</u> | | | | | | | | | | | | | | |
| 28 | 5560 | Sys Control & Load Dispatching | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | 5570 | Other Expenses | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | Total Production O&M (excluding Fuel and Purchased Power) | 100.00% | 471,594 | 346,569 | 428,458 | 465,735 | 420,882 | 403,441 | 381,458 | 328,411 | 575,077 | 425,826 | 315,652 | 315,825 | 4,878,929 |

NOTE

- Production costs not directly incurred by the plant were allocated on the basis of direct amounts incurred by FERC account
- Other Power Supply Expenses were not allocated to individual plants

Schedule H-1 2a1 (Lonestar)

SOUTHWESTERN ELECTRIC POWER COMPANY
Natural Gas Plant O&M Expense (Lonestar)
For the Test Year Ending March 31, 2020

| Line No | (1) FERC | (2) Description | (3) Percent Total | (4) Apr-19 | (5) May-19 | (6) Jun-19 | (7) Jul-19 | (8) Aug-19 | (9) Sep-19 | (10) Oct-19 | (11) Nov-19 | (12) Dec-19 | (13) Jan-20 | (14) Feb-20 | (15) Mar-20 | (16) Total |
|---------|-------------|---|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| 1 | | <u>Steam Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 11.14% | 1,012 | 1,271 | 4,519 | 4,090 | 1,517 | 4,882 | 7,227 | 17,767 | 9,417 | 1,251 | 1,090 | 1,633 | 55,675 |
| 3 | 5020 | Steam Expenses | 23.58% | 1,223 | 20 | - | 1,069 | 3,138 | 12,353 | 49,144 | 36,415 | 3,220 | 9,111 | - | 2,120 | 117,814 |
| 4 | 5050 | Electric Expenses | 11.61% | 0 | 208 | 0 | 721 | 3,168 | 5,430 | 23,824 | 19,806 | (4) | 1,297 | (0) | 3,576 | 58,026 |
| 5 | 5060 | Misc Steam Power Expenses | 4.41% | 97 | 377 | (4,134) | 355 | 480 | 1,247 | 8,882 | 12,195 | 289 | 1,678 | 164 | 378 | 22,009 |
| 6 | 5070 | Rents | 0.00% | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 16 |
| 7 | 5090 | Allowance Consumption SO2 | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | | | 50.74% | 2,333 | 1,877 | 386 | 6,237 | 8,304 | 23,914 | 89,078 | 86,185 | 12,924 | 13,339 | 1,257 | 7,708 | 253,541 |
| 9 | | <u>Steam Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 14.95% | 82 | 75 | 68 | 3,766 | 8,647 | 34,293 | 7,465 | 8,489 | 10,561 | 1,183 | 32 | 26 | 74,687 |
| 11 | 5110 | Maintenance of Structures | 5.61% | 6 | 197 | (5) | 249 | 40 | 900 | (4) | 551 | 1,231 | 8,105 | 7,823 | 8,920 | 28,014 |
| 12 | 5120 | Maintenance of Boiler Plant | 24.54% | (115) | 756 | 1,426 | 8,331 | 2,188 | 9,072 | 51,589 | 16,115 | 16,204 | 1,481 | 6,621 | 8,944 | 122,611 |
| 13 | 5130 | Maintenance of Electric Plant | 1.86% | 459 | 33 | 1,564 | 4,141 | (104) | 26 | 2,479 | 484 | (1,829) | 1,971 | 43 | 7 | 9,273 |
| 14 | 5140 | Maintenance of Misc Steam Plt | 2.29% | 247 | 1,347 | 658 | 1,672 | 438 | 92 | 262 | 2,739 | 2,691 | 8 | 348 | 964 | 11,466 |
| 15 | | | 49.25% | 680 | 2,408 | 3,711 | 18,159 | 11,208 | 44,383 | 61,791 | 28,378 | 28,858 | 12,747 | 14,867 | 18,862 | 246,051 |
| 16 | | <u>Other Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 17 | 5460 | Oper Supervision & Engineering | 0.01% | - | - | (685) | - | - | - | - | - | - | - | 734 | - | 49 |
| 18 | 5480 | Generation Expenses | 0.00% | - | - | - | - | - | - | - | - | (0) | - | - | (0) | (0) |
| 19 | 5490 | Misc Other Pwr Generation Exp | 0.00% | - | - | - | - | 1 | (0) | - | - | - | - | - | - | 0 |
| 20 | | | 0.01% | - | - | (685) | - | 1 | (0) | - | - | (0) | - | 734 | (0) | 49 |
| 21 | | <u>Other Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 22 | 5510 | Maint Supv & Engineering | 0.00% | - | - | - | - | - | - | - | 0 | (0) | - | - | - | (0) |
| 23 | 5520 | Maintenance of Structures | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 5530 | Maintenance of Generating Plt | 0.00% | 0 | 1 | (1) | (0) | (0) | 0 | (0) | - | (0) | 0 | (0) | (0) | (0) |
| 25 | 5540 | Maint of Misc Oth Pwr Generation | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 26 | | | 0.00% | 0 | 1 | (1) | (0) | (0) | 0 | (0) | - | (0) | 0 | (0) | (0) | (0) |
| 27 | | <u>Other Power Supply Expenses - Operation</u> | | | | | | | | | | | | | | |
| 28 | 5560 | Sys Control & Load Dispatching | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | 5570 | Other Expenses | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | Total Production O&M (excluding Fuel and Purchased Power) | 100.00% | 3,013 | 4,286 | 3,412 | 24,395 | 19,512 | 68,296 | 150,869 | 114,562 | 41,782 | 26,086 | 16,857 | 26,570 | 499,640 |

NOTE

- Production costs not directly incurred by the plant were allocated on the basis of direct amounts incurred by FERC account
- Other Power Supply Expenses were not allocated to individual plants

Schedule H-1 2a1 (Wilkes)

SOUTHWESTERN ELECTRIC POWER COMPANY
 Natural Gas Plant O&M Expense (Wilkes)
 For the Test Year Ending March 31, 2020

| Line No | (1) FERC | (2) Description | (3) Percent Total | (4) Apr-19 | (5) May-19 | (6) Jun-19 | (7) Jul-19 | (8) Aug-19 | (9) Sep-19 | (10) Oct-19 | (11) Nov-19 | (12) Dec-19 | (13) Jan-20 | (14) Feb-20 | (15) Mar-20 | (16) Total |
|---------|-------------|---|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| 1 | | Steam Power Generation - Operation | | | | | | | | | | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 14.07% | 69,213 | 83,964 | 183,139 | 84,432 | 73,516 | 96,130 | 83,904 | 86,918 | 78,632 | 85,786 | 53,506 | 60,402 | 1,039,542 |
| 3 | 5020 | Steam Expenses | 14.95% | 90,722 | 91,176 | 86,756 | 94,444 | 108,985 | 70,700 | 110,892 | 84,121 | 104,429 | 97,171 | 74,283 | 90,768 | 1,104,447 |
| 4 | 5050 | Electric Expenses | 13.44% | 79,859 | 82,331 | 76,734 | 67,249 | 98,486 | 59,973 | 95,374 | 88,317 | 97,895 | 94,848 | 71,843 | 80,160 | 993,071 |
| 5 | 5060 | Misc Steam Power Expenses | 10.42% | 106,179 | (11,849) | 21,220 | 54,623 | 50,824 | 105,750 | 56,458 | 62,590 | 124,612 | 33,910 | 77,231 | 88,460 | 770,008 |
| 6 | 5070 | Rents | 0.01% | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 95 | 95 | 95 | 864 |
| 7 | 5090 | Allowance Consumption SO2 | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | | | 52.89% | 346,037 | 245,687 | 367,914 | 300,812 | 331,875 | 332,618 | 346,692 | 322,011 | 405,633 | 311,810 | 276,957 | 319,885 | 3,907,931 |
| 9 | | Steam Power Generation - Maintenance | | | | | | | | | | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 3.18% | 28,592 | 16,572 | 29,988 | 35,739 | 27,854 | 7,487 | 21,515 | 17,456 | 19,115 | 14,221 | 10,390 | 6,238 | 235,167 |
| 11 | 5110 | Maintenance of Structures | 6.01% | 9,728 | 16,508 | 7,806 | 84,842 | 75,104 | 363 | 73,932 | 28,605 | 61,295 | 23,953 | 43,103 | 19,036 | 444,275 |
| 12 | 5120 | Maintenance of Boiler Plant | 23.61% | 207,278 | 145,250 | 127,284 | 195,683 | 167,627 | 80,077 | 305,280 | 122,763 | 134,404 | 67,458 | 69,208 | 122,026 | 1,744,337 |
| 13 | 5130 | Maintenance of Electric Plant | 11.15% | 86,214 | 25,591 | 42,781 | 86,652 | 83,966 | 83,560 | 175,830 | 33,735 | 30,963 | 38,525 | 43,124 | 92,727 | 823,579 |
| 14 | 5140 | Maintenance of Misc Steam Plt | 3.14% | 9,453 | 11,280 | 13,065 | 19,687 | 25,942 | 77 | 26,430 | 15,502 | 16,059 | 3,399 | 37,049 | 54,216 | 232,161 |
| 15 | | | 47.09% | 341,265 | 215,111 | 220,923 | 422,603 | 380,494 | 171,565 | 602,987 | 218,061 | 261,836 | 147,557 | 202,873 | 294,244 | 3,479,519 |
| 16 | | Other Power Generation - Operation | | | | | | | | | | | | | | |
| 17 | 5460 | Oper Supervision & Engineering | 0.01% | - | - | (12,296) | - | - | - | - | - | - | - | 13,189 | - | 893 |
| 18 | 5480 | Generation Expenses | 0.00% | - | - | - | - | - | - | - | - | (4) | - | - | - | (4) |
| 19 | 5490 | Misc Other Pwr Generation Exp | 0.00% | - | - | - | - | 28 | (24) | - | - | - | - | - | - | 5 |
| 20 | | | 0.01% | - | - | (12,296) | - | 28 | (24) | - | - | (4) | - | 13,189 | - | 893 |
| 21 | | Other Power Generation - Maintenance | | | | | | | | | | | | | | |
| 22 | 5510 | Maint Supv & Engineering | 0.00% | - | - | - | - | - | - | - | 11 | (13) | - | - | - | (1) |
| 23 | 5520 | Maintenance of Structures | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 5530 | Maintenance of Generating Plt | 0.00% | 8 | 28 | (29) | (4) | (4) | 2 | (4) | - | (8) | 1 | (1) | (0) | (10) |
| 25 | 5540 | Maint of Misc Oth Pwr Generation | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 26 | | | 0.00% | 8 | 28 | (29) | (4) | (4) | 2 | (4) | - | (8) | 1 | (1) | (0) | (10) |
| 27 | | Other Power Supply Expenses - Operation | | | | | | | | | | | | | | |
| 28 | 5560 | Sys Control & Load Dispatching | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | 5570 | Other Expenses | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | Total Production O&M (excluding Fuel and Purchased Power) | 100.00% | 687,310 | 460,827 | 576,512 | 723,411 | 712,394 | 504,161 | 949,675 | 540,072 | 667,457 | 459,369 | 493,018 | 614,128 | 7,388,333 |

NOTE

- Produ - Production costs not directly incurred by the plant were allocated on the basis of direct amounts incurred by FERC account
- Other Power Supply Expenses were not allocated to individual plants

Schedule H-1 2a2 (Gas Combustion Turb)

SOUTHWESTERN ELECTRIC POWER COMPANY
Natural Gas (Combustion Turbine) O&M Expense Summary
For the Test Year Ending March 31, 2020

| Line No | (1) FERC | (2) Description | (3) Percent Total | (4) Apr-19 | (5) May-19 | (6) Jun-19 | (7) Jul-19 | (8) Aug-19 | (9) Sep-19 | (10) Oct-19 | (11) Nov-19 | (12) Dec-19 | (13) Jan-20 | (14) Feb-20 | (15) Mar-20 | (16) Total |
|---------|-------------|---|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| 1 | | <u>Steam Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 10.39% | 2,076 | 3,444 | 2,736 | 3,141 | 34,584 | 27,171 | 6,341 | 1,277 | 15,838 | 26,518 | 10,840 | 8,148 | 142,114 |
| 3 | 5020 | Steam Expenses | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 5050 | Electric Expenses | 0.00% | 2 | 0 | 0 | 4 | (6) | (0) | 0 | 0 | (50) | 1 | (1) | - | (50) |
| 5 | 5060 | Misc Steam Power Expenses | -0.58% | - | - | (7,452) | (615) | - | - | 132 | - | - | - | - | - | (7,935) |
| 6 | 5070 | Rents | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7 | 5090 | Allowance Consumption SO2 | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | | | 9.81% | 2,078 | 3,444 | (4,716) | 2,530 | 34,578 | 27,171 | 6,473 | 1,277 | 15,788 | 26,519 | 10,839 | 8,148 | 134,129 |
| 9 | | <u>Steam Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 3.00% | 763 | 1,108 | 6,962 | 2,411 | 9,308 | 978 | 554 | 184 | 5,035 | 1,280 | 2,519 | 9,980 | 41,082 |
| 11 | 5110 | Maintenance of Structures | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12 | 5120 | Maintenance of Boiler Plant | 1.88% | - | - | 24,903 | (185) | - | 65 | - | - | 1,128 | (207) | 8 | - | 25,712 |
| 13 | 5130 | Maintenance of Electric Plant | -0.01% | 191 | (136) | 82 | (51) | (126) | 173 | 422 | (606) | 68 | (207) | 29 | (36) | (196) |
| 14 | 5140 | Maintenance of Misc Steam Plt | 0.02% | - | - | - | - | - | - | - | - | - | - | 201 | 55 | 256 |
| 15 | | | 4.89% | 954 | 972 | 31,947 | 2,175 | 9,182 | 1,216 | 976 | (422) | 6,231 | 866 | 2,757 | 9,999 | 66,854 |
| 16 | | <u>Other Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 17 | 5460 | Oper Supervision & Engineering | 0.01% | - | - | (1,561) | - | - | - | - | - | - | - | 1,703 | - | 142 |
| 18 | 5480 | Generation Expenses | 18.86% | 22,991 | 32,278 | 19,824 | 17,844 | 38,280 | 10,691 | 26,535 | 16,466 | 20,672 | 18,418 | 20,095 | 13,789 | 257,883 |
| 19 | 5490 | Misc Other Pwr Generation Exp | 0.00% | - | - | - | - | 7 | (6) | - | - | - | - | - | - | 1 |
| 20 | | | 18.87% | 22,991 | 32,278 | 18,263 | 17,844 | 38,287 | 10,685 | 26,535 | 16,466 | 20,672 | 18,418 | 21,798 | 13,789 | 258,026 |
| 21 | | <u>Other Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 22 | 5510 | Maint Supv & Engineering | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 23 | 5520 | Maintenance of Structures | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 5530 | Maintenance of Generating Plt | 60.57% | 52,809 | 43,394 | 46,794 | 69,366 | 78,132 | 71,579 | 56,376 | 105,889 | 105,728 | 43,299 | 65,784 | 89,011 | 828,161 |
| 25 | 5540 | Maint of Misc Oth Pwr Generation | 5.87% | 7,483 | 7,216 | 1,575 | 5,640 | 1,962 | (53) | 9,758 | 15,057 | 2,874 | 298 | 14,413 | 13,982 | 80,205 |
| 26 | | | 66.43% | 60,292 | 50,610 | 48,369 | 75,006 | 80,094 | 71,526 | 66,134 | 120,946 | 108,602 | 43,597 | 80,197 | 102,993 | 908,366 |
| 27 | | <u>Other Power Supply Expenses - Operation</u> | | | | | | | | | | | | | | |
| 28 | 5560 | Sys Control & Load Dispatching | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | 5570 | Other Expenses | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | Total Production O&M (excluding Fuel and Purchased Power) | 100.00% | 86,315 | 87,304 | 93,863 | 97,555 | 162,141 | 110,598 | 100,119 | 138,267 | 151,293 | 89,400 | 115,591 | 134,929 | 1,367,375 |

NOTE

- Production costs not directly incurred by the plant were allocated on the basis of direct amounts incurred by FERC account
- Other Power Supply Expenses were not allocated to individual plants

Schedule H-1 2a2 (Mattison)

SOUTHWESTERN ELECTRIC POWER COMPANY
 Natural Gas Plant O&M Expense (Mattison)
 For the Test Year Ending March 31, 2020

| Line No | (1) FERC | (2) Description | (3) Percent Total | (4) Apr-19 | (5) May-19 | (6) Jun-19 | (7) Jul-19 | (8) Aug-19 | (9) Sep-19 | (10) Oct-19 | (11) Nov-19 | (12) Dec-19 | (13) Jan-20 | (14) Feb-20 | (15) Mar-20 | (16) Total |
|---------|----------|---|-------------------|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|
| 1 | | <u>Steam Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 10.39% | 2,076 | 3,444 | 2,736 | 3,141 | 34,584 | 27,171 | 6,341 | 1,277 | 15,838 | 26,518 | 10,840 | 8,148 | 142,114 |
| 3 | 5020 | Steam Expenses | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 5050 | Electric Expenses | 0.00% | 2 | 0 | 0 | 4 | (6) | (0) | 0 | 0 | (50) | 1 | (1) | - | (50) |
| 5 | 5060 | Misc Steam Power Expenses | -0.58% | - | - | (7,452) | (615) | - | - | 132 | - | - | - | - | - | (7,935) |
| 6 | 5070 | Rents | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7 | 5090 | Allowance Consumption SO2 | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | | | 9.81% | 2,078 | 3,444 | (4,716) | 2,530 | 34,578 | 27,171 | 6,473 | 1,277 | 15,788 | 26,519 | 10,839 | 8,148 | 134,129 |
| 9 | | <u>Steam Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 3.00% | 763 | 1,108 | 6,962 | 2,411 | 9,308 | 978 | 554 | 184 | 5,035 | 1,280 | 2,519 | 9,980 | 41,082 |
| 11 | 5110 | Maintenance of Structures | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12 | 5120 | Maintenance of Boiler Plant | 1.88% | - | - | 24,903 | (185) | - | 65 | - | - | 1,128 | (207) | 8 | - | 25,712 |
| 13 | 5130 | Maintenance of Electric Plant | -0.01% | 191 | (136) | 82 | (51) | (126) | 173 | 422 | (606) | 68 | (207) | 29 | (36) | (196) |
| 14 | 5140 | Maintenance of Misc Steam Plt | 0.02% | - | - | - | - | - | - | - | - | - | - | 201 | 55 | 256 |
| 15 | | | 4.89% | 954 | 972 | 31,947 | 2,175 | 9,182 | 1,216 | 976 | (422) | 6,231 | 866 | 2,757 | 9,999 | 66,854 |
| 16 | | <u>Other Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 17 | 5460 | Oper Supervision & Engineering | 0.01% | - | - | (1,561) | - | - | - | - | - | - | - | 1,703 | - | 142 |
| 18 | 5480 | Generation Expenses | 18.86% | 22,991 | 32,278 | 19,824 | 17,844 | 38,280 | 10,691 | 26,535 | 16,466 | 20,672 | 18,418 | 20,095 | 13,789 | 257,883 |
| 19 | 5490 | Misc Other Pwr Generation Exp | 0.00% | - | - | - | - | 7 | (6) | - | - | - | - | - | - | 1 |
| 20 | | | 18.87% | 22,991 | 32,278 | 18,263 | 17,844 | 38,287 | 10,685 | 26,535 | 16,466 | 20,672 | 18,418 | 21,798 | 13,789 | 258,026 |
| 21 | | <u>Other Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 22 | 5510 | Maint Supv & Engineering | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 23 | 5520 | Maintenance of Structures | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 5530 | Maintenance of Generating Plt | 60.57% | 52,809 | 43,394 | 46,794 | 69,366 | 78,132 | 71,579 | 56,376 | 105,889 | 105,728 | 43,299 | 65,784 | 89,011 | 828,161 |
| 25 | 5540 | Maint of Misc Oth Pwr Generation | 5.87% | 7,483 | 7,216 | 1,575 | 5,640 | 1,962 | (53) | 9,758 | 15,057 | 2,874 | 298 | 14,413 | 13,982 | 80,205 |
| 26 | | | 66.43% | 60,292 | 50,610 | 48,369 | 75,006 | 80,094 | 71,526 | 66,134 | 120,946 | 108,602 | 43,597 | 80,197 | 102,993 | 908,366 |
| 27 | | <u>Other Power Supply Expenses - Operation</u> | | | | | | | | | | | | | | |
| 28 | 5560 | Sys Control & Load Dispatching | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | 5570 | Other Expenses | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | Total Production O&M (excluding Fuel and Purchased Power) | 100.00% | 86,315 | 87,304 | 93,863 | 97,555 | 162,141 | 110,598 | 100,119 | 138,267 | 151,293 | 89,400 | 115,591 | 134,929 | 1,367,375 |

NOTE

- Production costs not directly incurred by the plant were allocated on the basis of direct amounts incurred by FERC account
- Other Power Supply Expenses were not allocated to individual plants

Schedule H-1 2b (Coal Plant Total)

SOUTHWESTERN ELECTRIC POWER COMPANY
Coal Plant O&M Expense Summary
For the Test Year Ending March 31, 2020

| Line No | (1) FERC | (2) Description | (3) Percent Total | (4) Apr-19 | (5) May-19 | (6) Jun-19 | (7) Jul-19 | (8) Aug-19 | (9) Sep-19 | (10) Oct-19 | (11) Nov-19 | (12) Dec-19 | (13) Jan-20 | (14) Feb-20 | (15) Mar-20 | (16) Total |
|---------|-------------|---|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| 1 | | <u>Steam Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 18.61% | 766,078 | 803,632 | 2,165,280 | 919,165 | 738,320 | 654,540 | 964,545 | 876,434 | 693,043 | 785,364 | 591,179 | 668,503 | 10,626,082 |
| 3 | 5020 | Steam Expenses | 12.10% | 543,159 | 531,093 | 501,770 | 601,263 | 542,510 | 574,342 | 674,615 | 514,930 | 720,100 | 670,305 | 493,993 | 544,035 | 6,912,115 |
| 4 | 5050 | Electric Expenses | 8.69% | 409,486 | 448,670 | 330,670 | 430,236 | 468,257 | 368,547 | 499,270 | 397,333 | 486,214 | 455,882 | 309,212 | 359,048 | 4,962,625 |
| 5 | 5060 | Misc Steam Power Expenses | 14.64% | 463,432 | 743,655 | 360,412 | 539,991 | 736,353 | 1,482,410 | 760,549 | 540,786 | 690,010 | 633,645 | 565,219 | 842,867 | 8,359,330 |
| 6 | 5070 | Rents | 0.02% | 886 | 886 | 886 | 886 | 886 | 886 | 886 | 886 | 886 | 1,304 | 1,304 | 1,304 | 11,867 |
| 7 | 5090 | Allowance Consumption SO2 | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | | | 54.06% | 2,183,041 | 2,527,936 | 3,359,018 | 2,491,540 | 2,486,325 | 3,080,726 | 2,899,866 | 2,330,369 | 2,590,253 | 2,546,301 | 1,960,907 | 2,415,757 | 30,872,039 |
| 9 | | <u>Steam Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 4.41% | 239,546 | 253,471 | 170,397 | 316,919 | 253,128 | 79,593 | 253,597 | 182,030 | 223,912 | 207,208 | 165,917 | 175,614 | 2,521,331 |
| 11 | 5110 | Maintenance of Structures | 5.34% | 387,492 | 721,532 | 147,991 | 223,628 | 122,098 | 246,842 | 186,234 | 195,947 | 208,683 | 146,131 | 213,700 | 239,957 | 3,052,236 |
| 12 | 5120 | Maintenance of Boiler Plant | 25.52% | 1,893,733 | 2,130,071 | 458,600 | 1,048,407 | 800,061 | 1,047,447 | 2,067,810 | 1,034,158 | 1,123,997 | 1,203,852 | 835,480 | 931,215 | 14,574,841 |
| 13 | 5130 | Maintenance of Electric Plant | 5.32% | 463,417 | 313,797 | 203,203 | 205,460 | 68,078 | 259,886 | 287,858 | 154,528 | 474,410 | 157,972 | 179,867 | 266,993 | 3,035,469 |
| 14 | 5140 | Maintenance of Misc Steam Pit | 5.33% | 180,910 | 187,389 | 219,526 | 239,409 | 290,894 | 255,117 | 278,562 | 341,266 | 267,644 | 194,072 | 250,203 | 341,435 | 3,046,427 |
| 15 | | | 45.93% | 3,195,097 | 3,606,260 | 1,199,717 | 2,033,822 | 1,534,260 | 1,888,885 | 3,086,051 | 1,907,928 | 2,298,647 | 1,909,246 | 1,645,166 | 1,955,214 | 26,230,304 |
| 16 | | <u>Other Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 17 | 5460 | Oper Supervision & Engineering | 0.00% | - | - | (24,099) | - | - | - | - | - | - | - | 25,848 | - | 1,749 |
| 18 | 5480 | Generation Expenses | 0.00% | 190 | 56 | (94) | 86 | 111 | (248) | 36 | (39) | (18) | (131) | 110 | (74) | (115) |
| 19 | 5490 | Misc Other Pwr Generation Exp | 0.01% | - | - | - | 134 | 146 | (103) | - | (113) | - | 5,919 | - | - | 5,982 |
| 20 | | | 0.01% | 190 | 56 | (24,193) | 220 | 257 | (351) | 36 | (152) | (18) | 5,788 | 25,958 | (74) | 7,717 |
| 21 | | <u>Other Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 22 | 5510 | Maint Supv & Engineering | 0.00% | - | - | - | - | - | - | - | 158 | (178) | - | - | - | (20) |
| 23 | 5520 | Maintenance of Structures | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 5530 | Maintenance of Generating Pit | 0.00% | 113 | 388 | (395) | (56) | (54) | 29 | (51) | - | (109) | 14 | (7) | (7) | (134) |
| 25 | 5540 | Maint of Misc Oth Pwr Generation | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 26 | | | 0.00% | 113 | 388 | (395) | (56) | (54) | 29 | (51) | 158 | (287) | 14 | (7) | (7) | (154) |
| 27 | | <u>Other Power Supply Expenses - Operation</u> | | | | | | | | | | | | | | |
| 28 | 5560 | Sys Control & Load Dispatching | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | 5570 | Other Expenses | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | Total Production O&M (excluding Fuel and Purchased Power) | 100.00% | 5,348,441 | 6,134,640 | 4,534,147 | 4,525,527 | 4,020,789 | 4,969,289 | 5,985,911 | 4,238,304 | 4,888,595 | 4,461,349 | 3,632,024 | 4,370,891 | 57,109,906 |

NOTE

- Production costs not directly incurred by the plant were allocated on the basis of direct amounts incurred by FERC account
- Other Power Supply Expenses were not allocated to individual plants

Schedule H-1 2b (Flint Creek)

SOUTHWESTERN ELECTRIC POWER COMPANY
Coal Plant O&M Expense (Flint Creek)
For the Test Year Ending March 31, 2020

| Line No | (1) FERC | (2) Description | (3) Percent Total | (4) Apr-19 | (5) May-19 | (6) Jun-19 | (7) Jul-19 | (8) Aug-19 | (9) Sep-19 | (10) Oct-19 | (11) Nov-19 | (12) Dec-19 | (13) Jan-20 | (14) Feb-20 | (15) Mar-20 | (16) Total |
|---------|-------------|---|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| 1 | | <u>Steam Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 19.73% | 125,371 | 132,675 | 328,908 | 158,043 | 155,875 | 133,804 | 179,968 | 159,381 | 160,242 | 163,017 | 126,544 | 119,521 | 1,943,347 |
| 3 | 5020 | Steam Expenses | 1.55% | 15,554 | 14,969 | 11,495 | 15,325 | 12,942 | 6,701 | 14,634 | 12,009 | 12,661 | 12,970 | 9,962 | 13,271 | 152,493 |
| 4 | 5050 | Electric Expenses | 12.95% | 99,268 | 143,747 | 89,781 | 100,202 | 147,363 | 82,996 | 142,763 | 86,720 | 115,802 | 117,273 | 70,342 | 78,616 | 1,274,873 |
| 5 | 5060 | Misc Steam Power Expenses | 11.94% | 80,048 | 100,034 | 50,705 | 74,967 | 98,565 | 293,556 | (4,832) | 95,665 | 119,971 | 84,285 | 82,356 | 100,835 | 1,176,155 |
| 6 | 5070 | Rents | 0.02% | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 176 | 176 | 176 | 1,606 |
| 7 | 5090 | Allowance Consumption SO2 | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | | | 46.19% | 320,361 | 391,544 | 481,008 | 348,657 | 414,865 | 517,177 | 332,653 | 353,894 | 408,795 | 377,721 | 289,380 | 312,419 | 4,548,474 |
| 9 | | <u>Steam Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 6.16% | 49,519 | 52,966 | 32,775 | 56,818 | 99,649 | 26,577 | 57,586 | 58,166 | 55,409 | 45,337 | 34,533 | 37,365 | 606,701 |
| 11 | 5110 | Maintenance of Structures | 7.13% | 40,624 | 41,051 | 64,362 | 69,633 | 63,860 | 64,716 | 65,213 | 82,948 | 87,337 | 33,184 | 36,992 | 52,114 | 702,035 |
| 12 | 5120 | Maintenance of Boiler Plant | 26.45% | 311,864 | 283,564 | 144,821 | 181,485 | 105,899 | 138,072 | 138,698 | 306,127 | 268,905 | 211,259 | 197,883 | 315,583 | 2,604,161 |
| 13 | 5130 | Maintenance of Electric Plant | 3.64% | 111,203 | 17,691 | 6,987 | 55,895 | (31,641) | 22,192 | 16,679 | 53,734 | 17,728 | 29,720 | 18,007 | 39,949 | 358,142 |
| 14 | 5140 | Maintenance of Misc Steam Plt | 10.38% | 64,887 | 62,657 | 71,238 | 68,130 | 70,008 | 74,973 | 102,849 | 95,163 | 108,577 | 67,542 | 98,316 | 137,495 | 1,021,835 |
| 15 | | | 53.75% | 578,097 | 457,930 | 320,183 | 431,961 | 307,775 | 326,529 | 381,026 | 596,139 | 537,956 | 387,043 | 385,731 | 582,507 | 5,292,874 |
| 16 | | <u>Other Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 17 | 5460 | Oper Supervision & Engineering | 0.00% | - | - | (3,615) | - | - | - | - | - | - | - | 3,877 | - | 262 |
| 18 | 5480 | Generation Expenses | 0.00% | 190 | 56 | (94) | 86 | 111 | (248) | 36 | (39) | 31 | (131) | 110 | (74) | 34 |
| 19 | 5490 | Misc Other Pwr Generation Exp | 0.06% | - | - | - | - | 53 | 69 | - | (113) | - | 5,597 | - | - | 5,606 |
| 20 | | | 0.06% | 190 | 56 | (3,709) | 86 | 164 | (179) | 36 | (152) | 31 | 5,466 | 3,987 | (74) | 5,902 |
| 21 | | <u>Other Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 22 | 5510 | Maint Supv & Engineering | 0.00% | - | - | - | - | - | - | - | 21 | (24) | - | - | - | (3) |
| 23 | 5520 | Maintenance of Structures | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 5530 | Maintenance of Generating Plt | 0.00% | 15 | 52 | (53) | (8) | (7) | 4 | (7) | - | (15) | 2 | (1) | (1) | (18) |
| 25 | 5540 | Maint of Misc Oth Pwr Generation | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 26 | | | 0.00% | 15 | 52 | (53) | (8) | (7) | 4 | (7) | 21 | (39) | 2 | (1) | (1) | (21) |
| 27 | | <u>Other Power Supply Expenses - Operation</u> | | | | | | | | | | | | | | |
| 28 | 5560 | Sys Control & Load Dispatching | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | 5570 | Other Expenses | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | Total Production O&M (excluding Fuel and Purchased Power) | 100.00% | 898,663 | 849,582 | 797,429 | 780,696 | 722,796 | 843,530 | 713,708 | 949,902 | 946,744 | 770,232 | 679,096 | 894,851 | 9,847,230 |

NOTE

- Production costs not directly incurred by the plant were allocated on the basis of direct amounts incurred by FERC account
- Other Power Supply Expenses were not allocated to individual plants

Schedule H-1 2b (Turk)

SOUTHWESTERN ELECTRIC POWER COMPANY
Natural Gas Plant O&M Expense (Turk)
For the Test Year Ending March 31, 2020

| Line No | (1) FERC | (2) Description | (3) Percent Total | (4) Apr-19 | (5) May-19 | (6) Jun-19 | (7) Jul-19 | (8) Aug-19 | (9) Sep-19 | (10) Oct-19 | (11) Nov-19 | (12) Dec-19 | (13) Jan-20 | (14) Feb-20 | (15) Mar-20 | (16) Total |
|---------|-------------|---|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| 1 | | <u>Steam Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 21 51% | 293,686 | 306,245 | 776,797 | 364,760 | 265,015 | 253,932 | 373,245 | 356,940 | 273,967 | 304,479 | 230,025 | 290,509 | 4,089,600 |
| 3 | 5020 | Steam Expenses | 14 09% | 183,316 | 194,049 | 210,433 | 254,174 | 239,844 | 250,148 | 216,519 | 215,995 | 264,099 | 253,846 | 206,703 | 190,368 | 2,679,495 |
| 4 | 5050 | Electric Expenses | 2 73% | 67,034 | 60,370 | 37,452 | 59,941 | 31,306 | 32,810 | 44,640 | 24,975 | 62,828 | 55,854 | 2,132 | 39,181 | 518,522 |
| 5 | 5060 | Misc Steam Power Expenses | 9 37% | 109,105 | 178,987 | 84,688 | 130,734 | 119,105 | 422,474 | (107,269) | 118,048 | 128,577 | 159,447 | 169,520 | 268,203 | 1,781,620 |
| 6 | 5070 | Rents | 0 02% | 302 | 302 | 302 | 302 | 302 | 302 | 302 | 302 | 302 | 445 | 445 | 445 | 4,058 |
| 7 | 5090 | Allowance Consumption SO2 | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | | | 47 73% | 653,444 | 739,953 | 1,109,672 | 809,912 | 655,573 | 959,666 | 527,438 | 716,260 | 729,773 | 774,072 | 608,825 | 788,706 | 9,073,295 |
| 9 | | <u>Steam Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 7 87% | 124,902 | 147,381 | 95,931 | 186,132 | 113,386 | 71,769 | 150,236 | 105,743 | 133,452 | 130,830 | 109,232 | 127,874 | 1,496,868 |
| 11 | 5110 | Maintenance of Structures | 10 08% | 332,797 | 655,161 | 52,604 | 119,320 | 51,161 | 148,825 | 103,135 | 82,341 | 89,676 | 82,835 | 75,617 | 122,091 | 1,915,564 |
| 12 | 5120 | Maintenance of Boiler Plant | 22 98% | 414,276 | 1,079,494 | 64,440 | 295,929 | 279,398 | 343,678 | 183,449 | 399,961 | 192,824 | 415,464 | 380,414 | 320,089 | 4,369,415 |
| 13 | 5130 | Maintenance of Electric Plant | 4 08% | 80,101 | 215,242 | 35,232 | 50,549 | 42,044 | 42,690 | 42,001 | 15,588 | 73,416 | 32,266 | 50,947 | 95,820 | 775,896 |
| 14 | 5140 | Maintenance of Misc Steam Plt | 7 25% | 98,898 | 84,485 | 94,313 | 112,743 | 165,435 | 147,139 | 139,105 | 153,363 | 84,692 | 66,133 | 96,156 | 136,272 | 1,378,753 |
| 15 | | | 52 27% | 1,050,974 | 2,181,763 | 342,520 | 764,674 | 651,421 | 764,102 | 617,925 | 757,016 | 574,060 | 727,529 | 712,368 | 802,146 | 9,936,496 |
| 16 | | <u>Other Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 17 | 5460 | Oper Supervision & Engineering | 0 00% | - | - | (6,025) | - | - | - | - | - | - | - | - | 6,462 | 437 |
| 18 | 5480 | Generation Expenses | 0 00% | - | - | - | - | - | - | - | - | (19) | - | - | - | (19) |
| 19 | 5490 | Misc Other Pwr Generation Exp | 0 00% | - | - | - | 134 | (112) | - | - | - | - | 322 | - | - | 344 |
| 20 | | | 0 00% | - | - | (6,025) | 134 | (112) | - | - | - | (19) | 322 | 6,462 | - | 761 |
| 21 | | <u>Other Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 22 | 5510 | Maint Supv & Engineering | 0 00% | - | - | - | - | - | - | - | 54 | (61) | - | - | - | (7) |
| 23 | 5520 | Maintenance of Structures | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 5530 | Maintenance of Generating Plt | 0 00% | 39 | 133 | (135) | (19) | (18) | 10 | (18) | - | (37) | 5 | (3) | (2) | (46) |
| 25 | 5540 | Maint of Misc Oth Pwr Generation | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 26 | | | 0 00% | 39 | 133 | (135) | (19) | (18) | 10 | (18) | - | (37) | 5 | (3) | (2) | (46) |
| 27 | | <u>Other Power Supply Expenses - Operation</u> | | | | | | | | | | | | | | |
| 28 | 5560 | Sys Control & Load Dispatching | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | 5570 | Other Expenses | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | Total Production O&M (excluding Fuel and Purchased Power) | 100 00% | 1,704,456 | 2,921,848 | 1,446,033 | 1,574,700 | 1,306,864 | 1,713,778 | 1,145,345 | 1,473,277 | 1,303,777 | 1,501,928 | 1,327,652 | 1,590,850 | 19,010,506 |

NOTE

- Prodt. - Production costs not directly incurred by the plant were allocated on the basis of direct amounts incurred by FERC account
- Other Power Supply Expenses were not allocated to individual plants

Schedule H-1 2b (Welsh)

SOUTHWESTERN ELECTRIC POWER COMPANY
Coal Plant O&M Expense (Welsh)
For the Test Year Ending March 31, 2020

| Line No | (1) FERC | (2) Description | (3) Percent Total | (4) Apr-19 | (5) May-19 | (6) Jun-19 | (7) Jul-19 | (8) Aug-19 | (9) Sep-19 | (10) Oct-19 | (11) Nov-19 | (12) Dec-19 | (13) Jan-20 | (14) Feb-20 | (15) Mar-20 | (16) Total |
|---------|-------------|---|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| 1 | | <u>Steam Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 16.26% | 347,021 | 364,712 | 1,059,575 | 396,362 | 317,429 | 266,804 | 411,332 | 360,113 | 258,834 | 317,868 | 234,610 | 258,474 | 4,593,135 |
| 3 | 5020 | Steam Expenses | 14.44% | 344,289 | 322,075 | 279,842 | 331,764 | 289,724 | 317,493 | 443,462 | 298,926 | 443,339 | 403,488 | 277,328 | 340,396 | 4,080,127 |
| 4 | 5050 | Electric Expenses | 11.22% | 243,183 | 244,553 | 203,437 | 270,093 | 289,588 | 252,741 | 311,867 | 285,639 | 307,585 | 282,554 | 236,739 | 241,251 | 3,169,230 |
| 5 | 5060 | Misc Steam Power Expenses | 19.12% | 274,279 | 464,634 | 225,020 | 334,289 | 518,682 | 766,380 | 872,850 | 327,073 | 441,462 | 389,914 | 313,344 | 473,826 | 5,401,555 |
| 6 | 5070 | Rents | 0.02% | 464 | 464 | 464 | 464 | 464 | 464 | 464 | 464 | 464 | 883 | 683 | 683 | 6,224 |
| 7 | 5090 | Allowance Consumption SO2 | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | | | 61.06% | 1,209,236 | 1,396,438 | 1,768,338 | 1,332,972 | 1,415,887 | 1,603,883 | 2,039,775 | 1,260,215 | 1,451,884 | 1,394,507 | 1,062,703 | 1,314,632 | 17,250,270 |
| 9 | | <u>Steam Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 1.48% | 65,124 | 53,124 | 41,692 | 73,968 | 40,094 | (18,753) | 45,775 | 18,121 | 35,051 | 31,040 | 22,152 | 10,375 | 417,761 |
| 11 | 5110 | Maintenance of Structures | 1.54% | 14,071 | 25,320 | 31,025 | 34,675 | 7,078 | 33,301 | 29,886 | 30,658 | 31,670 | 30,113 | 101,090 | 65,752 | 434,638 |
| 12 | 5120 | Maintenance of Boiler Plant | 26.91% | 1,167,593 | 767,013 | 248,339 | 570,992 | 414,766 | 565,697 | 1,745,663 | 328,069 | 662,269 | 577,139 | 257,182 | 295,542 | 7,601,265 |
| 13 | 5130 | Maintenance of Electric Plant | 6.73% | 272,113 | 80,864 | 180,984 | 99,016 | 57,676 | 195,004 | 229,178 | 85,206 | 383,266 | 95,986 | 110,913 | 131,224 | 1,901,431 |
| 14 | 5140 | Maintenance of Misc Steam Plt | 2.29% | 17,128 | 40,247 | 53,975 | 58,536 | 55,451 | 33,006 | 36,608 | 92,719 | 74,375 | 60,397 | 55,731 | 67,668 | 645,839 |
| 15 | | | 38.94% | 1,536,027 | 966,568 | 537,013 | 837,188 | 575,064 | 808,255 | 2,087,110 | 554,773 | 1,186,631 | 794,675 | 547,067 | 570,562 | 11,000,934 |
| 16 | | <u>Other Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 17 | 5460 | Oper Supervision & Engineering | 0.00% | - | - | (14,459) | - | - | - | - | - | - | - | 15,509 | - | 1,050 |
| 18 | 5480 | Generation Expenses | 0.00% | - | - | - | - | - | - | - | - | - | (30) | - | - | (30) |
| 19 | 5490 | Misc Other Pwr Generation Exp | 0.00% | - | - | - | - | 205 | (172) | - | - | - | - | - | - | 33 |
| 20 | | | 0.00% | - | - | (14,459) | - | 205 | (172) | - | - | (30) | - | 15,509 | - | 1,054 |
| 21 | | <u>Other Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 22 | 5510 | Maint Supv & Engineering | 0.00% | - | - | - | - | - | - | - | 83 | (93) | - | - | - | (10) |
| 23 | 5520 | Maintenance of Structures | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 5530 | Maintenance of Generating Plt | 0.00% | 59 | 203 | (207) | (29) | (28) | 15 | (27) | - | (57) | 7 | (4) | (4) | (70) |
| 25 | 5540 | Maint of Misc Oth Pwr Generation | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 26 | | | 0.00% | 59 | 203 | (207) | (29) | (28) | 15 | (27) | 83 | (150) | 7 | (4) | (4) | (81) |
| 27 | | <u>Other Power Supply Expenses - Operation</u> | | | | | | | | | | | | | | |
| 28 | 5560 | Sys Control & Load Dispatching | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | 5570 | Other Expenses | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | Total Production O&M (excluding Fuel and Purchased Power) | 100.00% | 2,745,322 | 2,363,209 | 2,290,686 | 2,170,131 | 1,991,128 | 2,411,981 | 4,126,859 | 1,815,071 | 2,638,135 | 2,189,189 | 1,625,276 | 1,885,190 | 28,252,177 |

NOTE

- Production costs not directly incurred by the plant were allocated on the basis of direct amounts incurred by FERC account
- Other Power Supply Expenses were not allocated to individual plants

Schedule H-1 2c (Lignite Total)

SOUTHWESTERN ELECTRIC POWER COMPANY
Lignite Plant O&M Expense Summary
For the Test Year Ending March 31, 2020

| Line No | (1) FERC | (2) Description | (3) Percent Total | (4) Apr-19 | (5) May-19 | (6) Jun-19 | (7) Jul-19 | (8) Aug-19 | (9) Sep-19 | (10) Oct-19 | (11) Nov-19 | (12) Dec-19 | (13) Jan-20 | (14) Feb-20 | (15) Mar-20 | (16) Total |
|---------|-------------|---|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| 1 | | <u>Steam Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 16.89% | 346,206 | 322,315 | 831,489 | 449,880 | 364,276 | 305,630 | 436,875 | 329,767 | 337,654 | 509,540 | 973,335 | 667,776 | 5,874,743 |
| 3 | 5020 | Steam Expenses | 6.67% | 179,898 | 162,863 | 204,520 | 190,076 | 259,006 | 207,099 | 237,828 | 200,586 | 262,812 | 191,595 | 82,775 | 139,399 | 2,318,457 |
| 4 | 5050 | Electric Expenses | 3.74% | 81,786 | 75,147 | 180,011 | 103,295 | 94,211 | 124,110 | 62,045 | 34,764 | 295,072 | 79,175 | 36,651 | 135,385 | 1,301,652 |
| 5 | 5060 | Misc Steam Power Expenses | 16.67% | 189,483 | 310,866 | 382,489 | 325,798 | 411,671 | 698,355 | 950,680 | 231,826 | 440,529 | 591,024 | 375,297 | 890,207 | 5,798,224 |
| 6 | 5070 | Rents | 0.01% | 316 | 316 | 316 | 316 | 316 | 316 | 316 | 316 | 316 | 465 | 465 | 465 | 4,239 |
| 7 | 5090 | Allowance Consumption SO2 | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | | | 43.99% | 797,689 | 871,506 | 1,598,825 | 1,069,366 | 1,129,480 | 1,335,509 | 1,687,745 | 797,258 | 1,336,383 | 1,371,798 | 1,468,523 | 1,833,232 | 15,297,314 |
| 9 | | <u>Steam Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 5.11% | 145,182 | 163,820 | 128,979 | 184,424 | 260,668 | 129,595 | 237,166 | 151,340 | 191,163 | 150,515 | (6,639) | 41,203 | 1,777,316 |
| 11 | 5110 | Maintenance of Structures | 3.42% | 101,524 | 149,082 | 91,147 | 116,749 | 78,544 | 33,626 | 46,772 | 76,644 | 195,476 | 108,026 | 94,052 | 94,896 | 1,168,546 |
| 12 | 5120 | Maintenance of Boiler Plant | 34.01% | 370,378 | 789,294 | 970,621 | 918,617 | 794,836 | 1,583,479 | 1,483,999 | 480,661 | 1,042,361 | 820,133 | 489,658 | 2,082,352 | 11,826,629 |
| 13 | 5130 | Maintenance of Electric Plant | 5.63% | 128,580 | 187,263 | (52,605) | 29,130 | 53,492 | 261,795 | 446,611 | 196,043 | 380,362 | 181,121 | 72,512 | 72,693 | 1,957,117 |
| 14 | 5140 | Maintenance of Misc Steam Plt | 7.85% | 148,108 | 133,145 | 217,423 | 193,438 | 208,370 | 165,387 | 369,705 | 219,545 | 331,049 | 200,867 | 203,196 | 340,472 | 2,730,705 |
| 15 | | | 56.01% | 893,772 | 1,422,633 | 1,355,565 | 1,444,358 | 1,395,909 | 2,173,882 | 2,584,252 | 1,124,433 | 2,140,412 | 1,460,662 | 852,780 | 2,631,656 | 19,480,314 |
| 16 | | <u>Other Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 17 | 5460 | Oper Supervision & Engineering | 0.00% | - | - | (8,484) | - | - | - | - | - | - | - | 9,100 | - | 616 |
| 18 | 5480 | Generation Expenses | 0.00% | - | - | - | - | - | - | - | - | (20) | - | - | - | (20) |
| 19 | 5490 | Misc Other Pwr Generation Exp | 0.00% | - | - | - | - | 140 | (117) | - | - | - | - | - | - | 23 |
| 20 | | | 0.00% | - | - | (8,484) | - | 140 | (117) | - | - | (20) | - | 9,100 | - | 618 |
| 21 | | <u>Other Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 22 | 5510 | Maint Supv & Engineering | 0.00% | - | - | - | - | - | - | - | 56 | (63) | - | - | - | (7) |
| 23 | 5520 | Maintenance of Structures | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 5530 | Maintenance of Generating Plt | 0.00% | 40 | 139 | (141) | (20) | (19) | 10 | (18) | - | (39) | 5 | (3) | (2) | (48) |
| 25 | 5540 | Maint of Misc Oth Pwr Generation | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 26 | | | 0.00% | 40 | 139 | (141) | (20) | (19) | 10 | (18) | - | (39) | 5 | (3) | (2) | (48) |
| 27 | | <u>Other Power Supply Expenses - Operation</u> | | | | | | | | | | | | | | |
| 28 | 5560 | Sys Control & Load Dispatching | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | 5570 | Other Expenses | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | Total Production O&M (excluding Fuel and Purchased Power) | 100.00% | 1,691,502 | 2,294,278 | 2,945,765 | 2,513,704 | 2,525,509 | 3,509,285 | 4,271,979 | 1,921,691 | 3,476,736 | 2,832,466 | 2,330,400 | 4,464,866 | 34,778,199 |

NOTE

- Production costs not directly incurred by the plant were allocated on the basis of direct amounts incurred by FERC account
- Other Power Supply Expenses were not allocated to individual plants

Schedule H-1 2c (Dolet Hills)

SOUTHWESTERN ELECTRIC POWER COMPANY
Lignite Plant O&M Expense (Dolet Hills)
For the Test Year Ending March 31, 2020

| Line No | (1) FERC | (2) Description | (3) Percent Total | (4) Apr-19 | (5) May-19 | (6) Jun-19 | (7) Jul-19 | (8) Aug-19 | (9) Sep-19 | (10) Oct-19 | (11) Nov-19 | (12) Dec-19 | (13) Jan-20 | (14) Feb-20 | (15) Mar-20 | (16) Total |
|---------|-------------|---|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| 1 | | <u>Steam Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 8.03% | 38,084 | 40,866 | 129,536 | 55,786 | 53,949 | 56,584 | 52,913 | 44,849 | 40,824 | 39,055 | 388,290 | 59,978 | 1,000,513 |
| 3 | 5020 | Steam Expenses | 10.89% | 91,520 | 62,468 | 128,907 | 92,439 | 178,707 | 113,208 | 139,048 | 101,799 | 110,108 | 115,622 | 92,987 | 131,053 | 1,357,844 |
| 4 | 5080 | Electric Expenses | 3.88% | 34,464 | 25,280 | 44,707 | 43,472 | 62,697 | 36,283 | 55,804 | 26,984 | 31,857 | 49,586 | 29,037 | 42,963 | 483,234 |
| 5 | 5060 | Misc Steam Power Expenses | 30.64% | 93,371 | 146,436 | 314,428 | 248,806 | 322,562 | 334,030 | 417,569 | 197,784 | 277,917 | 470,167 | 256,328 | 728,345 | 3,807,766 |
| 6 | 5070 | Rents | 0.01% | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 47 | 70 | 70 | 70 | 634 |
| 7 | 5090 | Allowance Consumption SO2 | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | | | 53.34% | 257,486 | 275,100 | 617,625 | 440,551 | 617,963 | 540,150 | 665,381 | 371,264 | 460,753 | 674,618 | 766,692 | 962,409 | 6,549,991 |
| 9 | | <u>Steam Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 3.16% | 32,901 | 40,917 | 34,729 | 39,950 | 72,275 | 1,630 | 45,237 | 8,955 | 28,609 | 58,289 | (2,070) | 32,826 | 394,249 |
| 11 | 5110 | Maintenance of Structures | 1.61% | 18,256 | 48,929 | 30,059 | 28,686 | 25,699 | (36,899) | (7,598) | (2,130) | 27,754 | 32,509 | 11,553 | 23,358 | 200,177 |
| 12 | 5120 | Maintenance of Boiler Plant | 31.66% | (169,372) | 81,527 | 473,350 | 208,233 | 292,358 | 330,960 | 366,339 | 118,870 | 110,600 | 364,089 | 186,181 | 1,583,926 | 3,947,061 |
| 13 | 5130 | Maintenance of Electric Plant | 1.40% | 1,878 | 5,752 | 10,377 | 15,321 | 24,358 | 2,390 | 26,084 | 4,760 | 13,360 | 43,318 | 7,728 | 19,432 | 174,758 |
| 14 | 5140 | Maintenance of Misc Steam Plt | 8.83% | 43,192 | 28,680 | 98,027 | 51,368 | 101,066 | 84,542 | 118,315 | 120,844 | 85,997 | 78,749 | 78,547 | 211,396 | 1,100,713 |
| 15 | | | 46.66% | (73,155) | 205,805 | 646,542 | 343,559 | 515,755 | 382,623 | 548,377 | 251,299 | 266,321 | 576,954 | 281,939 | 1,870,939 | 5,816,958 |
| 16 | | <u>Other Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 17 | 5480 | Oper Supervision & Engineering | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 18 | 5480 | Generation Expenses | 0.00% | - | - | - | - | - | - | - | - | (3) | - | - | - | (3) |
| 19 | 5490 | Misc Other Pwr Generation Exp | 0.00% | - | - | - | - | 21 | (18) | - | - | - | - | - | - | 3 |
| 20 | | | 0.00% | - | - | - | - | 21 | (18) | - | - | (3) | - | - | - | 0 |
| 21 | | <u>Other Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 22 | 5510 | Maint Supv & Engineering | 0.00% | - | - | - | - | - | - | - | 8 | (9) | - | - | - | (1) |
| 23 | 5520 | Maintenance of Structures | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 5530 | Maintenance of Generating Plt | 0.00% | 6 | 21 | (21) | (3) | (3) | 2 | (3) | - | (6) | 1 | (0) | (0) | (7) |
| 25 | 5540 | Maint of Misc Oth Pwr Generation | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 26 | | | 0.00% | 6 | 21 | (21) | (3) | (3) | 2 | (3) | 8 | (15) | 1 | (0) | (0) | (8) |
| 27 | | <u>Other Power Supply Expenses - Operation</u> | | | | | | | | | | | | | | |
| 28 | 5560 | Sys Control & Load Dispatching | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | 5570 | Other Expenses | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | Total Production O&M (excluding Fuel and Purchased Power) | 100.00% | 184,337 | 480,926 | 1,264,146 | 784,106 | 1,133,736 | 922,757 | 1,213,755 | 622,572 | 727,055 | 1,251,573 | 1,048,631 | 2,833,348 | 12,466,942 |

NOTE

- Production costs not directly incurred by the plant were allocated on the basis of direct amounts incurred by FERC account
- Other Power Supply Expenses were not allocated to individual plants

Schedule H-1 2c (Prkey)

SOUTHWESTERN ELECTRIC POWER COMPANY
Lignite Plant O&M Expense (Prkey)
For the Test Year Ending March 31, 2020

| Line No | (1) FERC | (2) Description | (3) Percent Total | (4) Apr-19 | (5) May-19 | (6) Jun-19 | (7) Jul-19 | (8) Aug-19 | (9) Sep-19 | (10) Oct-19 | (11) Nov-19 | (12) Dec-19 | (13) Jan-20 | (14) Feb-20 | (15) Mar-20 | (16) Total |
|---------|-------------|---|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| 1 | | <u>Steam Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 21.85% | 308,122 | 281,449 | 701,953 | 394,094 | 310,327 | 249,046 | 383,962 | 285,118 | 296,831 | 470,485 | 585,045 | 607,798 | 4,874,230 |
| 3 | 5020 | Steam Expenses | 4.31% | 88,378 | 100,395 | 75,613 | 97,637 | 80,299 | 93,893 | 98,780 | 98,787 | 152,704 | 75,974 | (10,192) | 8,346 | 960,614 |
| 4 | 5050 | Electric Expenses | 3.67% | 47,322 | 49,866 | 135,305 | 59,524 | 31,514 | 87,827 | 6,241 | 7,780 | 263,215 | 29,489 | 7,614 | 82,422 | 818,417 |
| 5 | 5050 | Misc Steam Power Expenses | 8.92% | 96,112 | 164,427 | 68,061 | 76,992 | 89,109 | 364,325 | 533,112 | 34,041 | 162,612 | 120,837 | 118,959 | 161,662 | 1,990,458 |
| 6 | 5070 | Rents | 0.02% | 269 | 269 | 269 | 269 | 269 | 269 | 269 | 269 | 269 | 395 | 395 | 395 | 3,804 |
| 7 | 5090 | Allowance Consumption SO2 | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | | | 38.76% | 540,203 | 596,406 | 981,200 | 628,815 | 511,517 | 795,359 | 1,022,363 | 425,994 | 875,630 | 697,180 | 701,831 | 870,824 | 8,647,323 |
| 9 | | <u>Steam Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 6.20% | 112,281 | 122,902 | 94,150 | 144,474 | 188,393 | 127,985 | 191,929 | 142,385 | 162,554 | 92,226 | (4,569) | 8,376 | 1,383,067 |
| 11 | 5110 | Maintenance of Structures | 4.43% | 83,268 | 100,163 | 61,088 | 90,063 | 52,845 | 70,524 | 54,370 | 76,774 | 167,721 | 75,517 | 82,499 | 71,538 | 988,369 |
| 12 | 5120 | Maintenance of Boiler Plant | 35.32% | 539,750 | 707,767 | 497,271 | 710,384 | 502,478 | 1,252,520 | 1,117,660 | 361,991 | 931,761 | 456,044 | 303,478 | 498,465 | 7,679,569 |
| 13 | 5130 | Maintenance of Electric Plant | 7.99% | 126,702 | 181,530 | (62,882) | 13,808 | 29,134 | 259,405 | 420,527 | 191,284 | 367,001 | 137,803 | 64,784 | 53,262 | 1,782,359 |
| 14 | 5140 | Maintenance of Misc Steam Plt | 7.31% | 104,926 | 104,465 | 119,396 | 142,070 | 107,304 | 80,845 | 251,390 | 98,700 | 245,053 | 122,118 | 124,649 | 129,076 | 1,629,992 |
| 15 | | | 61.24% | 966,926 | 1,216,828 | 709,023 | 1,100,799 | 880,153 | 1,791,259 | 2,035,876 | 873,133 | 1,874,091 | 883,708 | 570,840 | 760,717 | 13,663,355 |
| 16 | | <u>Other Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 17 | 5480 | Oper Supervision & Engineering | 0.00% | - | - | (8,484) | - | - | - | - | - | - | - | 9,100 | - | 616 |
| 18 | 5480 | Generation Expenses | 0.00% | - | - | - | - | - | - | - | - | (17) | - | - | - | (17) |
| 19 | 5490 | Misc Other Pwr Generation Exp | 0.00% | - | - | - | - | 119 | (100) | - | - | - | - | - | - | 19 |
| 20 | | | 0.00% | - | - | (8,484) | - | 119 | (100) | - | - | (17) | - | 9,100 | - | 618 |
| 21 | | <u>Other Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 22 | 5510 | Maint Supv & Engineering | 0.00% | - | - | - | - | - | - | - | 48 | (54) | - | - | - | (6) |
| 23 | 5520 | Maintenance of Structures | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 5530 | Maintenance of Generating Plt | 0.00% | 34 | 118 | (120) | (17) | (16) | 9 | (16) | - | (33) | 4 | (2) | (2) | (41) |
| 25 | 5540 | Maint of Misc Oth Pwr Generation | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 26 | | | 0.00% | 34 | 118 | (120) | (17) | (16) | 9 | (16) | 48 | (87) | 4 | (2) | (2) | (47) |
| 27 | | <u>Other Power Supply Expenses - Operation</u> | | | | | | | | | | | | | | |
| 28 | 5560 | Sys Control & Load Dispatching | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | 5570 | Other Expenses | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | Total Production O&M (excluding Fuel and Purchased Power) | 100.00% | 1,507,165 | 1,813,352 | 1,681,619 | 1,729,597 | 1,391,773 | 2,586,528 | 3,058,223 | 1,299,175 | 2,749,617 | 1,580,893 | 1,281,769 | 1,631,538 | 22,311,250 |

NOTE

- Production costs not directly incurred by the plant were allocated on the basis of direct amounts incurred by FERC account
- Other Power Supply Expenses were not allocated to individual plants

SOUTHWESTERN ELECTRIC POWER COMPANY
Other Plant O&M Expense Summary
For the Test Year Ending March 31, 2020

| Line No | (1) FERC | (2) Description | (3) Percent Total | (4) Apr-19 | (5) May-19 | (6) Jun-19 | (7) Jul-19 | (8) Aug-19 | (9) Sep-19 | (10) Oct-19 | (11) Nov-19 | (12) Dec-19 | (13) Jan-20 | (14) Feb-20 | (15) Mar-20 | (16) Total |
|---------|-------------|---|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| 1 | | <u>Steam Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 0 00% | 2,756 | 1,694 | 1,018 | 3,879 | (3,035) | 2,708 | 5,011 | (3) | 427 | 1,179 | 3,211 | 14,998 | 33,843 |
| 3 | 5020 | Steam Expenses | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 5050 | Electric Expenses | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 5 | 5060 | Misc Steam Power Expenses | 0 00% | 60 | 97 | (21) | 310 | (384) | 1,027 | 1,523 | (303) | 39,133 | (31,168) | 3,690 | (1,682,835) | (1,668,871) |
| 6 | 5070 | Rents | 0 00% | (1,284) | (1,284) | (1,284) | (1,284) | (1,284) | (1,284) | (1,284) | (1,284) | (1,284) | (1,970) | (1,970) | (1,970) | (17,462) |
| 7 | 5090 | Allowance Consumption SO2 | 0 00% | 1,287 | 105,117 | 73,000 | (4,145) | 42,790 | 178,241 | 100,991 | 7,347 | (25,435) | (123,089) | (92,631) | 70,388 | 333,862 |
| 8 | | | 0 00% | 2,820 | 105,625 | 72,714 | (1,240) | 38,087 | 180,692 | 106,242 | 5,758 | 12,842 | (155,048) | (87,700) | (1,599,419) | (1,318,628) |
| 9 | | <u>Steam Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 0 00% | | | | | (1) | | | | 3 | | | 1 | 3 |
| 11 | 5110 | Maintenance of Structures | 0 00% | | | | | | | 19 | (19) | | - | - | 154 | 154 |
| 12 | 5120 | Maintenance of Boiler Plant | 0 00% | (12) | - | - | 4 | 1,702 | (6) | 11 | 2,455 | 75 | 51 | 110 | 149 | 4,539 |
| 13 | 5130 | Maintenance of Electric Plant | 0 00% | 69 | (44) | 83 | 452 | (179) | (109) | 431 | (176) | (439) | 3 | (225) | (81) | (215) |
| 14 | 5140 | Maintenance of Misc Steam Pit | 0 00% | (339) | 516 | 1,154 | (825) | (988) | (18) | - | 6 | 22 | (5) | 19 | (36) | (494) |
| 15 | | | 0 00% | (282) | 472 | 1,237 | (369) | 534 | (133) | 461 | 2,266 | (339) | 49 | (96) | 187 | 3,987 |
| 16 | | <u>Other Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 17 | 5460 | Oper Supervision & Engineering | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 18 | 5480 | Generation Expenses | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 19 | 5490 | Misc Other Pwr Generation Exp | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 20 | | | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 21 | | <u>Other Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 22 | 5510 | Maint Supv & Engineering | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 23 | 5520 | Maintenance of Structures | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 5530 | Maintenance of Generating Pit | 0 00% | - | - | - | 44 | (44) | - | - | - | - | - | - | 48 | 48 |
| 25 | 5540 | Maint of Misc Oth Pwr Generation | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 26 | | | 0 00% | - | - | - | 44 | (44) | - | - | - | - | - | - | 48 | 48 |
| 27 | | <u>Other Power Supply Expenses - Operation</u> | | | | | | | | | | | | | | |
| 28 | 5560 | Sys Control & Load Dispatching | 0 00% | 128,687 | 113,888 | 105,927 | 138,397 | 122,844 | 122,020 | 147,283 | 114,402 | 153,302 | 131,074 | 105,260 | 111,388 | 1,494,472 |
| 29 | 5570 | Other Expenses | 0 00% | 321,486 | 266,684 | 307,417 | 304,100 | 270,960 | (12,037) | 379,285 | 261,588 | 403,987 | 299,843 | 228,423 | 276,790 | 3,308,507 |
| 30 | | | 0 00% | 450,172 | 380,573 | 413,344 | 442,497 | 393,804 | 109,984 | 526,568 | 375,990 | 557,269 | 430,917 | 333,683 | 388,178 | 4,802,979 |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | Total Production O&M (excluding Fuel and Purchased Power) | 0 00% | 452,710 | 486,669 | 487,295 | 440,932 | 432,382 | 290,543 | 633,270 | 384,014 | 569,772 | 275,918 | 245,887 | (1,211,006) | 3,488,386 |

NOTE

- Production costs not directly incurred by the plant were allocated on the basis of direct amounts incurred by FERC account
- Other Power Supply Expenses were not allocated to individual plants

SOUTHWESTERN ELECTRIC POWER COMPANY
Natural Gas Plant O&M Summary
For the Test Year Ending March 31, 2020

| Line No | (1) FERC | (2) Description | (3) Percent Total | (4) Apr-19 | (5) May-19 | (6) Jun-19 | (7) Jul-19 | (8) Aug-19 | (9) Sep-19 | (10) Oct-19 | (11) Nov-19 | (12) Dec-19 | (13) Jan-20 | (14) Feb-20 | (15) Mar-20 | (16) Total |
|---------|-------------|---|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| 1 | | <u>Steam Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 14.69% | 381,719 | 398,575 | 928,300 | 448,669 | 397,713 | 375,003 | 467,723 | 436,262 | 372,838 | 409,012 | 214,683 | 280,073 | 5,110,568 |
| 3 | 5020 | Steam Expenses | 7.14% | 212,559 | 138,817 | 133,061 | 142,969 | 148,310 | 131,381 | 205,756 | 223,591 | 195,838 | 372,896 | 285,264 | 293,977 | 2,484,419 |
| 4 | 5050 | Electric Expenses | 12.39% | 333,309 | 335,650 | 314,742 | 390,526 | 425,043 | 341,176 | 494,344 | 331,274 | 405,075 | 361,202 | 278,946 | 300,706 | 4,311,993 |
| 5 | 5060 | Misc Steam Power Expenses | 11.47% | 291,884 | 261,093 | 167,699 | 336,026 | 339,109 | 744,183 | 409,412 | 415,958 | 293,983 | 208,989 | 219,459 | 303,944 | 3,991,740 |
| 6 | 5070 | Rents | 0.01% | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 514 | 514 | 514 | 4,682 |
| 7 | 5090 | Allowance Consumption SO2 | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | | | 45.71% | 1,219,821 | 1,134,484 | 1,544,151 | 1,318,539 | 1,310,524 | 1,592,091 | 1,577,584 | 1,407,435 | 1,268,083 | 1,352,612 | 998,866 | 1,179,213 | 15,903,403 |
| 9 | | <u>Steam Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 2.65% | 98,141 | 87,452 | 89,958 | 130,128 | 102,591 | 51,308 | 73,838 | 75,807 | 78,306 | 55,678 | 52,174 | 27,963 | 923,344 |
| 11 | 5110 | Maintenance of Structures | 4.86% | 121,110 | 83,630 | 54,617 | 211,035 | 197,436 | 135,408 | 212,861 | 96,178 | 210,400 | 86,354 | 159,368 | 121,170 | 1,689,567 |
| 12 | 5120 | Maintenance of Boiler Plant | 30.16% | 711,361 | 590,967 | 661,850 | 686,042 | 750,857 | 773,539 | 1,231,666 | 2,068,419 | 1,481,264 | 343,433 | 389,868 | 804,142 | 10,493,408 |
| 13 | 5130 | Maintenance of Electric Plant | 9.31% | 160,265 | 192,778 | 159,551 | 193,976 | 138,929 | 128,528 | 660,216 | 483,963 | 606,613 | 387,316 | (66,811) | 184,673 | 3,239,998 |
| 14 | 5140 | Maintenance of Misc Steam Plt | 3.95% | 43,889 | 74,702 | 74,311 | 94,241 | 50,794 | 89,316 | 323,338 | 104,471 | 96,217 | 148,262 | 142,898 | 132,051 | 1,374,490 |
| 15 | | | 50.93% | 1,134,765 | 1,029,529 | 1,040,287 | 1,315,422 | 1,240,607 | 1,178,100 | 2,501,918 | 2,838,838 | 2,472,800 | 1,021,043 | 677,498 | 1,270,000 | 17,720,807 |
| 16 | | <u>Other Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 17 | 5460 | Oper Supervision & Engineering | 0.01% | - | - | (33,550) | - | - | - | - | - | - | - | 36,015 | - | 2,465 |
| 18 | 5480 | Generation Expenses | 0.74% | 22,991 | 32,278 | 19,824 | 17,844 | 38,280 | 10,691 | 26,535 | 16,466 | 20,650 | 18,418 | 20,095 | 13,789 | 257,861 |
| 19 | 5490 | Misc Other Pwr Generation Exp | 0.00% | - | - | - | - | 161 | (135) | - | - | - | - | - | - | 26 |
| 20 | | | 0.75% | 22,991 | 32,278 | (13,726) | 17,844 | 38,441 | 10,556 | 26,535 | 16,466 | 20,650 | 18,418 | 56,110 | 13,789 | 260,352 |
| 21 | | <u>Other Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 22 | 5510 | Maint Supv & Engineering | 0.00% | - | - | - | - | - | - | - | 15 | (17) | - | - | - | (2) |
| 23 | 5520 | Maintenance of Structures | 0.00% | - | - | 309 | 684 | 1 | (33) | - | - | - | - | - | - | 961 |
| 24 | 5530 | Maintenance of Generating Plt | 2.38% | 52,854 | 43,547 | 46,638 | 69,344 | 78,111 | 71,580 | 56,356 | 105,889 | 105,685 | 43,305 | 65,781 | 89,008 | 828,108 |
| 25 | 5540 | Maint of Misc Oth Pwr Generation | 0.23% | 7,483 | 7,216 | 1,575 | 7,194 | 1,962 | (53) | 9,758 | 15,057 | 2,874 | 298 | 14,413 | 13,982 | 81,759 |
| 26 | | | 2.62% | 60,337 | 50,763 | 48,522 | 77,222 | 80,074 | 71,504 | 66,114 | 120,946 | 108,559 | 43,603 | 80,194 | 102,990 | 910,828 |
| 27 | | <u>Other Power Supply Expenses - Operation</u> | | | | | | | | | | | | | | |
| 28 | 5560 | Sys Control & Load Dispatching | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | 5570 | Other Expenses | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | Total Production O&M (excluding Fuel and Purchased Power) | 100.00% | 2,437,915 | 2,247,054 | 2,619,234 | 2,729,027 | 2,669,647 | 2,852,251 | 4,172,151 | 4,383,684 | 3,870,091 | 2,435,675 | 1,812,668 | 2,565,992 | 34,795,389 |

NOTE

- Production costs not directly incurred by the plant were allocated on the basis of direct amounts incurred by FERC account
- Other Power Supply Expenses were not allocated to individual plants

| Line No | (1) FERC | (2) Description | (3) Percent Total | (4) Jul-15 | (5) Aug-15 | (6) Sep-15 | (7) Oct-15 | (8) Nov-15 | (9) Dec-15 | (10) Jan-16 | (11) Feb-16 | (12) Mar-16 | (13) Apr-16 | (14) May-16 | (15) Jun-16 | (16) Total |
|---------|-------------|---|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| 1 | | <u>Steam Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 14.86% | 379,643 | 395,131 | 925,564 | 445,528 | 363,129 | 347,832 | 461,382 | 434,985 | 357,000 | 382,494 | 203,843 | 271,925 | 4,968,454 |
| 3 | 5020 | Steam Expenses | 7.43% | 212,559 | 138,817 | 133,061 | 142,969 | 148,310 | 131,381 | 205,756 | 223,591 | 195,838 | 372,896 | 285,264 | 293,977 | 2,484,419 |
| 4 | 5050 | Electric Expenses | 12.90% | 333,307 | 335,650 | 314,742 | 390,522 | 425,050 | 341,176 | 494,344 | 331,274 | 405,125 | 361,201 | 278,947 | 300,706 | 4,312,043 |
| 5 | 5060 | Misc Steam Power Expenses | 11.97% | 291,884 | 261,093 | 175,151 | 336,641 | 339,109 | 744,183 | 409,280 | 415,958 | 293,983 | 208,989 | 219,459 | 303,944 | 3,999,675 |
| 6 | 5070 | Rents | 0.01% | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 349 | 514 | 514 | 514 | 4,682 |
| 7 | 5090 | Allowance Consumption SO2 | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | | | 47.17% | 1,217,742 | 1,131,040 | 1,548,867 | 1,316,009 | 1,275,946 | 1,564,921 | 1,571,111 | 1,406,157 | 1,252,295 | 1,326,093 | 988,026 | 1,171,065 | 15,769,273 |
| 9 | | <u>Steam Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 2.64% | 97,378 | 86,344 | 82,996 | 127,717 | 93,283 | 50,330 | 73,284 | 75,623 | 73,271 | 54,398 | 49,655 | 17,983 | 882,262 |
| 11 | 5110 | Maintenance of Structures | 5.05% | 121,110 | 83,630 | 54,617 | 211,035 | 197,436 | 135,408 | 212,881 | 96,178 | 210,400 | 86,354 | 159,368 | 121,170 | 1,689,567 |
| 12 | 5120 | Maintenance of Boiler Plant | 31.31% | 711,351 | 599,967 | 636,947 | 686,227 | 750,857 | 773,474 | 1,231,666 | 2,068,419 | 1,480,136 | 343,640 | 389,860 | 804,142 | 10,467,696 |
| 13 | 5130 | Maintenance of Electric Plant | 9.69% | 160,074 | 192,914 | 159,469 | 194,027 | 139,055 | 128,355 | 659,793 | 494,569 | 606,545 | 387,523 | (66,840) | 184,710 | 3,240,194 |
| 14 | 5140 | Maintenance of Misc Steam Plt | 4.11% | 43,889 | 74,702 | 74,311 | 94,241 | 50,794 | 89,316 | 323,338 | 104,471 | 96,217 | 148,262 | 142,697 | 131,996 | 1,374,234 |
| 15 | | | 52.81% | 1,133,812 | 1,028,557 | 1,008,340 | 1,313,247 | 1,231,425 | 1,176,883 | 2,500,942 | 2,839,260 | 2,466,568 | 1,020,176 | 674,741 | 1,260,001 | 17,653,953 |
| 16 | | <u>Other Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 17 | 5460 | Oper Supervision & Engineering | 0.01% | - | - | (31,989) | - | - | - | - | - | - | - | 34,312 | - | 2,323 |
| 18 | 5480 | Generation Expenses | 0.00% | - | - | - | - | - | - | - | - | (22) | - | - | (0) | (22) |
| 19 | 5490 | Misc Other Pwr Generation Exp | 0.00% | - | - | - | - | 154 | (129) | - | - | - | - | - | - | 25 |
| 20 | | | 0.01% | - | - | (31,989) | - | 154 | (129) | - | - | (22) | - | 34,312 | (0) | 2,326 |
| 21 | | <u>Other Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 22 | 5510 | Maint Supv & Engineering | 0.00% | - | - | - | - | - | - | - | 15 | (17) | - | - | - | (2) |
| 23 | 5520 | Maintenance of Structures | 0.00% | - | - | 309 | 684 | 1 | (33) | - | - | - | - | - | - | 961 |
| 24 | 5530 | Maintenance of Generating Plt | 0.00% | 45 | 153 | (155) | (22) | (21) | 12 | (20) | - | (43) | 6 | (3) | (3) | (53) |
| 25 | 5540 | Maint of Misc Oth Pwr Generation | 0.00% | - | - | - | 1,554 | - | - | - | - | - | - | - | - | 1,554 |
| 26 | | | 0.01% | 45 | 153 | 154 | 2,216 | (20) | (21) | (20) | - | (43) | 6 | (3) | (3) | 2,462 |
| 27 | | <u>Other Power Supply Expenses - Operation</u> | | | | | | | | | | | | | | |
| 28 | 5560 | Sys Control & Load Dispatching | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | 5570 | Other Expenses | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | Total Production O&M (excluding Fuel and Purchased Power) | 100.00% | 2,351,599 | 2,159,750 | 2,525,371 | 2,631,472 | 2,507,506 | 2,741,653 | 4,072,032 | 4,245,417 | 3,718,798 | 2,346,275 | 1,697,077 | 2,431,064 | 33,428,014 |

NOTE

- Production costs not directly incurred by the plant were allocated on the basis of direct amounts incurred by FERC account
- Other Power Supply Expenses were not allocated to individual plants

Schedule H-1.2a1 (Arsenal Hill)
Page 2 of 6

SOUTHWESTERN ELECTRIC POWER COMPANY
Natural Gas Plant O&M Expense (Arsenal Hill, including Stail)
For the Test Year Ending March 31, 2020

| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | |
|---------|------|---|---------------|---------|---------|-----------|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| Line No | FERC | Description | Percent Total | Apr-19 | May-19 | Jun-19 | Jul-19 | Aug-19 | Sep-19 | Oct-19 | Nov-19 | Dec-19 | Jan-20 | Feb-20 | Mar-20 | Total |
| 1 | | <u>Steam Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 17.85% | 194,947 | 205,071 | 620,912 | 231,451 | 178,416 | 156,671 | 222,931 | 216,547 | 149,807 | 180,950 | 124,017 | 152,013 | 2,633,734 |
| 3 | 5020 | Steam Expenses | 0.27% | 8,123 | 2,924 | 3,655 | 2,814 | 2,097 | 1,370 | 4,697 | 4,081 | 4,258 | 1,011 | 4,502 | 962 | 40,494 |
| 4 | 5050 | Electric Expenses | 18.71% | 209,326 | 210,914 | 178,208 | 238,666 | 252,751 | 230,245 | 287,373 | 201,191 | 266,906 | 261,715 | 208,486 | 216,894 | 2,761,674 |
| 5 | 5060 | Misc Steam Power Expenses | 6.92% | 54,737 | 129,612 | 35,860 | 93,034 | 100,708 | 318,080 | (123,142) | 56,663 | 121,911 | 68,706 | 63,155 | 102,380 | 1,021,704 |
| 6 | 5070 | Rents | 0.02% | 264 | 264 | 264 | 264 | 264 | 264 | 264 | 264 | 264 | 389 | 389 | 389 | 3,548 |
| 7 | 5090 | Allowance Consumption SO2 | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | | | 43.78% | 467,397 | 548,785 | 838,899 | 566,231 | 534,237 | 705,630 | 392,123 | 478,746 | 542,147 | 512,771 | 400,549 | 472,638 | 6,461,154 |
| 9 | | <u>Steam Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 2.05% | 32,769 | 34,357 | 25,569 | 51,406 | 27,782 | (7,826) | 28,637 | 22,226 | 28,615 | 24,904 | 26,014 | 8,104 | 302,559 |
| 11 | 5110 | Maintenance of Structures | 4.02% | 44,500 | 34,755 | 31,687 | 65,826 | 50,998 | 72,046 | 82,888 | 41,976 | 59,396 | 10,538 | 61,006 | 38,000 | 593,617 |
| 12 | 5120 | Maintenance of Boiler Plant | 31.65% | 73,576 | 148,668 | 107,189 | 136,271 | 278,873 | 386,607 | 515,982 | 1,574,059 | 808,066 | 143,475 | 96,991 | 401,868 | 4,671,624 |
| 13 | 5130 | Maintenance of Electric Plant | 12.35% | 62,638 | 153,283 | 85,136 | 85,929 | 33,270 | 37,643 | 456,702 | 269,247 | 376,708 | 313,517 | (127,262) | 75,349 | 1,822,161 |
| 14 | 5140 | Maintenance of Misc Steam Pit | 6.13% | 21,866 | 48,628 | 49,269 | 65,604 | 16,074 | 80,037 | 275,184 | 78,224 | 65,503 | 83,739 | 61,039 | 59,165 | 904,153 |
| 15 | | | 56.20% | 235,148 | 419,691 | 298,851 | 405,036 | 406,997 | 568,507 | 1,359,394 | 1,985,732 | 1,338,288 | 576,173 | 117,789 | 582,507 | 8,294,115 |
| 16 | | <u>Other Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 17 | 5460 | Oper Supervision & Engineering | 0.00% | - | - | (8,985) | - | - | - | - | - | - | - | 9,638 | - | 653 |
| 18 | 5480 | Generation Expenses | 0.00% | - | - | - | - | - | - | - | - | (17) | - | - | - | (17) |
| 19 | 5490 | Misc Other Pwr Generation Exp | 0.00% | - | - | - | - | 117 | (98) | - | - | - | - | - | - | 19 |
| 20 | | | 0.00% | - | - | (8,985) | - | 117 | (98) | - | - | (17) | - | 9,638 | - | 655 |
| 21 | | <u>Other Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 22 | 5510 | Maint Supv & Engineering | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 23 | 5520 | Maintenance of Structures | 0.01% | - | - | 309 | 684 | 1 | (33) | - | - | - | - | - | - | 961 |
| 24 | 5530 | Maintenance of Generating Pit | 0.00% | 34 | 116 | (118) | (17) | (16) | 9 | (15) | - | (33) | 4 | (2) | (2) | (40) |
| 25 | 5540 | Maint of Misc Oth Pwr Generation | 0.01% | - | - | - | 1,554 | - | - | - | - | - | - | - | - | 1,554 |
| 26 | | | 0.02% | 34 | 116 | 191 | 2,221 | (15) | (24) | (15) | - | (33) | 4 | (2) | (2) | 2,475 |
| 27 | | <u>Other Power Supply Expenses - Operation</u> | | | | | | | | | | | | | | |
| 28 | 5560 | Sys Control & Load Dispatching | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | 5570 | Other Expenses | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | Total Production O&M (excluding Fuel and Purchased Power) | 100.00% | 702,579 | 968,593 | 1,128,956 | 973,488 | 941,336 | 1,275,015 | 1,751,502 | 2,464,479 | 1,880,385 | 1,088,948 | 527,974 | 1,055,143 | 14,758,399 |

NOTE

- Production costs not directly incurred by the plant were allocated on the basis of direct amounts incurred by FERC account
- Other Power Supply Expenses were not allocated to individual plants

SOUTHWESTERN ELECTRIC POWER COMPANY
Natural Gas Plant O&M Expense (Knox Lee)
For the Test Year Ending March 31, 2020

| Line No | (1) FERC | (2) Description | (3) Percent Total | (4) Apr-19 | (5) May-19 | (6) Jun-19 | (7) Jul-19 | (8) Aug-19 | (9) Sep-19 | (10) Oct-19 | (11) Nov-19 | (12) Dec-19 | (13) Jan-20 | (14) Feb-20 | (15) Mar-20 | (16) Total |
|---------|----------|---|-------------------|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|
| 1 | | <u>Steam Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 16.04% | 77,213 | 72,605 | 81,701 | 89,843 | 74,364 | 69,121 | 126,018 | 98,287 | 100,202 | 101,435 | 14,811 | 41,177 | 946,777 |
| 3 | 5020 | Steam Expenses | 6.78% | 56,355 | 17,626 | 28,991 | 27,608 | 21,477 | 30,847 | 36,595 | 57,094 | 48,310 | 26,936 | 21,669 | 26,926 | 400,435 |
| 4 | 5050 | Electric Expenses | 0.26% | 3,008 | 3,044 | 2,968 | 642 | (4) | 563 | 1,135 | 357 | 499 | 2,411 | 601 | - | 15,223 |
| 5 | 5060 | Misc Steam Power Expenses | 9.36% | 19,152 | 33,677 | 24,459 | 21,397 | 29,121 | 106,441 | 279,236 | 86,069 | (217,810) | 53,985 | 37,075 | 79,663 | 552,466 |
| 6 | 5070 | Rents | 0.00% | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 16 | 16 | 16 | 148 |
| 7 | 5090 | Allowance Consumption SO2 | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | | | 32.44% | 155,738 | 126,963 | 138,130 | 139,501 | 124,968 | 206,982 | 442,996 | 241,818 | (68,788) | 184,785 | 74,172 | 147,782 | 1,915,048 |
| 9 | | <u>Steam Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 2.55% | 16,251 | 12,108 | 11,698 | 13,344 | 16,679 | 14,328 | 9,816 | 23,966 | 11,608 | 9,371 | 10,262 | 829 | 150,260 |
| 11 | 5110 | Maintenance of Structures | 6.04% | 40,298 | 28,015 | 9,916 | 43,686 | 44,898 | 34,864 | 44,961 | 17,747 | 19,990 | 20,436 | 21,518 | 30,229 | 356,557 |
| 12 | 5120 | Maintenance of Boiler Plant | 47.98% | 260,171 | 195,370 | 215,676 | 232,691 | 216,638 | 217,259 | 303,062 | 319,290 | 381,941 | 92,420 | 185,216 | 212,132 | 2,831,866 |
| 13 | 5130 | Maintenance of Electric Plant | 8.82% | 4,978 | 9,645 | 12,666 | 10,828 | 5,248 | 13,846 | 16,776 | 187,457 | 198,711 | 33,589 | 14,634 | 12,371 | 520,750 |
| 14 | 5140 | Maintenance of Misc Steam Pll | 2.16% | 9,665 | 7,369 | 6,661 | 4,392 | 4,946 | 3,464 | 20,918 | 7,615 | 10,637 | 5,446 | 30,576 | 16,055 | 127,744 |
| 15 | | | 67.55% | 331,363 | 252,508 | 256,616 | 304,941 | 288,409 | 283,761 | 395,534 | 556,076 | 622,867 | 161,262 | 262,206 | 271,615 | 3,987,178 |
| 16 | | <u>Other Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 17 | 5460 | Oper Supervision & Engineering | 0.01% | - | - | (6,709) | - | - | - | - | - | - | - | 7,197 | - | 488 |
| 18 | 5480 | Generation Expenses | 0.00% | - | - | - | - | - | - | - | - | (1) | - | - | - | (1) |
| 19 | 5490 | Misc Other Pwr Generation Exp | 0.00% | - | - | - | - | 5 | (4) | - | - | - | - | - | - | 1 |
| 20 | | | 0.01% | - | - | (6,709) | - | 5 | (4) | - | - | (1) | - | 7,197 | - | 488 |
| 21 | | <u>Other Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 22 | 5510 | Maint Supv & Engineering | 0.00% | - | - | - | - | - | - | - | 2 | (2) | - | - | - | (0) |
| 23 | 5520 | Maintenance of Structures | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 5530 | Maintenance of Generating Pll | 0.00% | 1 | 5 | (5) | (1) | (1) | 0 | (1) | - | (1) | 0 | (0) | (0) | (2) |
| 25 | 5540 | Maint of Misc Oth Pwr Generation | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 26 | | | 0.00% | 1 | 5 | (5) | (1) | (1) | 0 | (1) | - | (1) | 0 | (0) | (0) | (2) |
| 27 | | <u>Other Power Supply Expenses - Operation</u> | | | | | | | | | | | | | | |
| 28 | 5560 | Sys Control & Load Dispatching | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | 5570 | Other Expenses | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | Total Production O&M (excluding Fuel and Purchased Power) | 100.00% | 487,103 | 379,476 | 388,032 | 444,442 | 413,381 | 490,740 | 838,529 | 797,894 | 554,097 | 346,046 | 343,575 | 419,397 | 5,902,713 |

NOTE

- Production costs not directly incurred by the plant were allocated on the basis of direct amounts incurred by FERC account
- Other Power Supply Expenses were not allocated to individual plants

SOUTHWESTERN ELECTRIC POWER COMPANY
Natural Gas Plant O&M Expense (Lieberman)
For the Test Year Ending March 31, 2020

| Line No | (1) FERC | (2) Description | (3) Percent Total | (4) Apr-19 | (5) May-19 | (6) Jun-19 | (7) Jul-19 | (8) Aug-19 | (9) Sep-19 | (10) Oct-19 | (11) Nov-19 | (12) Dec-19 | (13) Jan-20 | (14) Feb-20 | (15) Mar-20 | (16) Total |
|---------|-------------|---|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| 1 | | <u>Steam Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 6.00% | 37,260 | 32,221 | 35,292 | 35,711 | 35,316 | 21,028 | 21,302 | 15,465 | 18,942 | 13,071 | 10,419 | 16,699 | 292,726 |
| 3 | 5020 | Steam Expenses | 16.83% | 56,136 | 27,071 | 13,659 | 17,034 | 12,613 | 16,111 | 4,428 | 41,880 | 35,620 | 238,667 | 184,810 | 173,201 | 821,230 |
| 4 | 5050 | Electric Expenses | 9.92% | 41,114 | 39,152 | 56,832 | 83,243 | 70,649 | 44,966 | 86,638 | 21,603 | 40,828 | 929 | (1,982) | 76 | 484,048 |
| 5 | 5060 | Misc Steam Power Expenses | 33.48% | 111,719 | 109,275 | 97,746 | 167,232 | 157,976 | 212,665 | 187,846 | 198,441 | 264,980 | 50,710 | 41,833 | 33,064 | 1,633,488 |
| 6 | 5070 | Rents | 0.00% | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 12 | 12 | 12 | 107 |
| 7 | 5090 | Allowance Consumption SO2 | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | | | 66.24% | 246,237 | 207,727 | 203,538 | 303,228 | 276,562 | 294,777 | 300,223 | 277,397 | 360,378 | 303,369 | 235,092 | 223,052 | 3,231,599 |
| 9 | | <u>Steam Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 2.45% | 19,684 | 23,231 | 15,672 | 23,461 | 12,321 | 2,048 | 5,850 | 3,486 | 3,372 | 4,719 | 2,958 | 2,786 | 119,588 |
| 11 | 5110 | Maintenance of Structures | 5.47% | 26,578 | 4,154 | 5,213 | 16,433 | 26,396 | 27,235 | 11,084 | 7,299 | 68,487 | 23,322 | 25,919 | 24,985 | 267,105 |
| 12 | 5120 | Maintenance of Boiler Plant | 22.49% | 170,451 | 100,923 | 185,373 | 113,251 | 85,532 | 80,459 | 55,752 | 36,192 | 139,523 | 38,807 | 31,823 | 59,173 | 1,097,259 |
| 13 | 5130 | Maintenance of Electric Plant | 1.32% | 5,785 | 4,452 | 17,321 | 6,478 | 16,676 | (6,720) | 8,007 | 3,645 | 1,991 | (79) | 2,620 | 4,255 | 64,430 |
| 14 | 5140 | Maintenance of Misc Steam Plt | 2.02% | 2,858 | 6,077 | 4,659 | 2,885 | 3,393 | 5,645 | 543 | 391 | 1,327 | 55,669 | 13,686 | 1,575 | 98,710 |
| 15 | | | 33.76% | 225,357 | 138,838 | 228,238 | 162,508 | 144,318 | 108,667 | 81,236 | 51,013 | 214,700 | 122,437 | 77,006 | 92,774 | 1,647,091 |
| 16 | | <u>Other Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 17 | 5460 | Oper Supervision & Engineering | 0.00% | - | - | (3,314) | - | - | - | - | - | - | - | 3,554 | - | 240 |
| 18 | 5480 | Generation Expenses | 0.00% | - | - | - | - | - | - | - | - | (1) | - | - | - | (1) |
| 19 | 5490 | Misc Other Pwr Generation Exp | 0.00% | - | - | - | - | 4 | (3) | - | - | - | - | - | - | 1 |
| 20 | | | 0.00% | - | - | (3,314) | - | 4 | (3) | - | - | (1) | - | 3,554 | - | 240 |
| 21 | | <u>Other Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 22 | 5510 | Maint Supv & Engineering | 0.00% | - | - | - | - | - | - | - | 1 | (2) | - | - | - | (0) |
| 23 | 5520 | Maintenance of Structures | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 5530 | Maintenance of Generating Plt | 0.00% | 1 | 3 | (4) | (1) | (0) | 0 | (0) | - | (1) | 0 | (0) | (0) | (1) |
| 25 | 5540 | Maint of Misc Oth Pwr Generation | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 26 | | | 0.00% | 1 | 3 | (4) | (1) | (0) | 0 | (0) | - | (1) | 0 | (0) | (0) | (1) |
| 27 | | <u>Other Power Supply Expenses - Operation</u> | | | | | | | | | | | | | | |
| 28 | 5560 | Sys Control & Load Dispatching | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | 5570 | Other Expenses | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | Total Production O&M (excluding Fuel and Purchased Power) | 100.00% | 471,594 | 346,569 | 428,458 | 465,735 | 420,882 | 403,441 | 381,458 | 328,411 | 575,077 | 425,826 | 315,652 | 315,825 | 4,878,929 |

NOTE

- Production costs not directly incurred by the plant were allocated on the basis of direct amounts incurred by FERC account
- Other Power Supply Expenses were not allocated to individual plants

SOUTHWESTERN ELECTRIC POWER COMPANY
Natural Gas Plant O&M Expense (Lonestar)
For the Test Year Ending March 31, 2020

| Line No | (1) FERC | (2) Description | (3) Percent Total | (4) Apr-19 | (5) May-19 | (6) Jun-19 | (7) Jul-19 | (8) Aug-19 | (9) Sep-19 | (10) Oct-19 | (11) Nov-19 | (12) Dec-19 | (13) Jan-20 | (14) Feb-20 | (15) Mar-20 | (16) Total |
|---------|-------------|---|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| 1 | | <u>Steam Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 11 14% | 1,012 | 1,271 | 4,519 | 4,090 | 1,517 | 4,882 | 7,227 | 17,767 | 9,417 | 1,251 | 1,090 | 1,633 | 55,675 |
| 3 | 5020 | Steam Expenses | 23 58% | 1,223 | 20 | - | 1,069 | 3,138 | 12,353 | 49,144 | 36,415 | 3,220 | 9,111 | - | 2,120 | 117,814 |
| 4 | 5050 | Electnc Expenses | 11 61% | 0 | 208 | 0 | 721 | 3,168 | 5,430 | 23,824 | 19,806 | (4) | 1,297 | (0) | 3,576 | 56,026 |
| 5 | 5060 | Misc Steam Power Expenses | 4 41% | 97 | 377 | (4,134) | 355 | 480 | 1,247 | 8,882 | 12,195 | 289 | 1,678 | 164 | 378 | 22,009 |
| 6 | 5070 | Rents | 0 00% | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 16 |
| 7 | 5090 | Allowance Consumption SO2 | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | | | 50 74% | 2,333 | 1,877 | 386 | 6,237 | 8,304 | 23,914 | 89,078 | 86,185 | 12,924 | 13,339 | 1,257 | 7,708 | 253,541 |
| 9 | | <u>Steam Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 14 95% | 82 | 75 | 68 | 3,766 | 8,647 | 34,293 | 7,465 | 8,489 | 10,561 | 1,183 | 32 | 26 | 74,687 |
| 11 | 5110 | Maintenance of Structures | 5 61% | 6 | 197 | (5) | 249 | 40 | 900 | (4) | 551 | 1,231 | 8,105 | 7,823 | 8,920 | 28,014 |
| 12 | 5120 | Maintenance of Boiler Plant | 24 54% | (115) | 756 | 1,426 | 8,331 | 2,188 | 9,072 | 51,589 | 16,115 | 16,204 | 1,481 | 6,621 | 8,944 | 122,611 |
| 13 | 5130 | Maintenance of Electnc Plant | 1 86% | 459 | 33 | 1,564 | 4,141 | (104) | 26 | 2,479 | 484 | (1,829) | 1,971 | 43 | 7 | 9,273 |
| 14 | 5140 | Maintenance of Misc Steam Plt | 2 29% | 247 | 1,347 | 656 | 1,672 | 438 | 92 | 262 | 2,739 | 2,691 | 8 | 348 | 964 | 11,466 |
| 15 | | | 49 25% | 680 | 2,408 | 3,711 | 18,159 | 11,208 | 44,383 | 61,791 | 28,378 | 28,858 | 12,747 | 14,867 | 18,862 | 246,051 |
| 16 | | <u>Other Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 17 | 5460 | Oper Supervision & Engineering | 0 01% | - | - | (685) | - | - | - | - | - | - | - | 734 | - | 49 |
| 18 | 5480 | Generation Expenses | 0 00% | - | - | - | - | - | - | - | - | (0) | - | - | (0) | (0) |
| 19 | 5490 | Misc Other Pwr Generation Exp | 0 00% | - | - | - | - | 1 | (0) | - | - | - | - | - | - | 0 |
| 20 | | | 0 01% | - | - | (685) | - | 1 | (0) | - | - | (0) | - | 734 | (0) | 49 |
| 21 | | <u>Other Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 22 | 5510 | Maint Supv & Engineering | 0 00% | - | - | - | - | - | - | - | 0 | (0) | - | - | - | (0) |
| 23 | 5520 | Maintenance of Structures | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 5530 | Maintenance of Generating Plt | 0 00% | 0 | 1 | (1) | (0) | (0) | 0 | (0) | - | (0) | 0 | (0) | (0) | (0) |
| 25 | 5540 | Maint of Misc Oth Pwr Generation | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 26 | | | 0 00% | 0 | 1 | (1) | (0) | (0) | 0 | (0) | - | (0) | 0 | (0) | (0) | (0) |
| 27 | | <u>Other Power Supply Expenses - Operation</u> | | | | | | | | | | | | | | |
| 28 | 5560 | Sys Control & Load Dispatching | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | 5570 | Other Expenses | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | Total Production O&M (excluding Fuel and Purchased Power) | 100 00% | 3,013 | 4,286 | 3,412 | 24,395 | 19,512 | 68,296 | 150,869 | 114,562 | 41,782 | 26,086 | 16,857 | 26,570 | 499,640 |

NOTE

- Production costs not directly incurred by the plant were allocated on the basis of direct amounts incurred by FERC account
- Other Power Supply Expenses were not allocated to individual plants

SOUTHWESTERN ELECTRIC POWER COMPANY
Natural Gas Plant O&M Expense (Wilkes)
For the Test Year Ending March 31, 2020

| Line No | (1) FERC | (2) Description | (3) Percent Total | (4) Apr-19 | (5) May-19 | (6) Jun-19 | (7) Jul-19 | (8) Aug-19 | (9) Sep-19 | (10) Oct-19 | (11) Nov-19 | (12) Dec-19 | (13) Jan-20 | (14) Feb-20 | (15) Mar-20 | (16) Total |
|---------|-------------|---|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| 1 | | <u>Steam Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 14 07% | 69,213 | 83,964 | 183,139 | 84,432 | 73,516 | 96,130 | 83,904 | 86,918 | 78,632 | 85,786 | 53,506 | 60,402 | 1,039,542 |
| 3 | 5020 | Steam Expenses | 14 95% | 90,722 | 91,176 | 86,756 | 94,444 | 108,985 | 70,700 | 110,892 | 84,121 | 104,429 | 97,171 | 74,283 | 90,768 | 1,104,447 |
| 4 | 5050 | Electric Expenses | 13 44% | 79,859 | 82,331 | 76,734 | 67,249 | 98,486 | 59,973 | 95,374 | 88,317 | 97,895 | 94,848 | 71,843 | 80,160 | 993,071 |
| 5 | 5060 | Misc Steam Power Expenses | 10 42% | 106,179 | (11,849) | 21,220 | 54,623 | 50,824 | 105,750 | 56,458 | 62,590 | 124,612 | 33,910 | 77,231 | 88,460 | 770,008 |
| 6 | 5070 | Rents | 0 01% | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 95 | 95 | 95 | 864 |
| 7 | 5090 | Allowance Consumption SO2 | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | | | 52 89% | 346,037 | 245,687 | 367,914 | 300,812 | 331,875 | 332,618 | 346,692 | 322,011 | 405,633 | 311,810 | 276,957 | 319,885 | 3,907,931 |
| 9 | | <u>Steam Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 3 18% | 28,592 | 16,572 | 29,988 | 35,739 | 27,854 | 7,487 | 21,515 | 17,456 | 19,115 | 14,221 | 10,390 | 6,238 | 235,167 |
| 11 | 5110 | Maintenance of Structures | 6 01% | 9,728 | 16,508 | 7,806 | 84,842 | 75,104 | 363 | 73,932 | 28,605 | 61,295 | 23,953 | 43,103 | 19,036 | 444,275 |
| 12 | 5120 | Maintenance of Boiler Plant | 23 61% | 207,278 | 145,250 | 127,284 | 195,683 | 167,627 | 80,077 | 305,280 | 122,763 | 134,404 | 67,458 | 69,208 | 122,026 | 1,744,337 |
| 13 | 5130 | Maintenance of Electric Plant | 11 15% | 86,214 | 25,501 | 42,781 | 86,652 | 83,966 | 83,560 | 175,830 | 33,735 | 30,963 | 38,525 | 43,124 | 92,727 | 823,579 |
| 14 | 5140 | Maintenance of Misc Steam Plt | 3 14% | 9,453 | 11,280 | 13,065 | 19,687 | 25,942 | 77 | 26,430 | 15,502 | 16,059 | 3,399 | 37,049 | 54,216 | 232,161 |
| 15 | | | 47 08% | 341,265 | 215,111 | 220,923 | 422,603 | 380,494 | 171,565 | 602,987 | 218,061 | 261,836 | 147,557 | 202,873 | 294,244 | 3,479,519 |
| 16 | | <u>Other Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 17 | 5460 | Oper Supervision & Engineering | 0 01% | - | - | (12,296) | - | - | - | - | - | - | - | 13,189 | - | 893 |
| 18 | 5480 | Generation Expenses | 0 00% | - | - | - | - | - | - | - | - | (4) | - | - | - | (4) |
| 19 | 5490 | Misc Other Pwr Generation Exp | 0 00% | - | - | - | - | 28 | (24) | - | - | - | - | - | - | 5 |
| 20 | | | 0 01% | - | - | (12,296) | - | 28 | (24) | - | - | (4) | - | 13,189 | - | 893 |
| 21 | | <u>Other Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 22 | 5510 | Maint Supv & Engineering | 0 00% | - | - | - | - | - | - | - | 11 | (13) | - | - | - | (1) |
| 23 | 5520 | Maintenance of Structures | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 5530 | Maintenance of Generating Plt | 0 00% | 8 | 28 | (29) | (4) | (4) | 2 | (4) | - | (8) | 1 | (1) | (0) | (10) |
| 25 | 5540 | Maint of Misc Oth Pwr Generation | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 26 | | | 0 00% | 8 | 28 | (29) | (4) | (4) | 2 | (4) | - | (8) | 1 | (1) | (0) | (10) |
| 27 | | <u>Other Power Supply Expenses - Operation</u> | | | | | | | | | | | | | | |
| 28 | 5560 | Sys Control & Load Dispatching | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | 5570 | Other Expenses | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | | 0 00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | Total Production O&M (excluding Fuel and Purchased Power) | 100 00% | 687,310 | 460,827 | 576,512 | 723,411 | 712,394 | 504,161 | 949,675 | 540,072 | 667,457 | 459,369 | 493,018 | 614,128 | 7,388,333 |

NOTE

- Produ - Production costs not directly incurred by the plant were allocated on the basis of direct amounts incurred by FERC account
- Other Power Supply Expenses were not allocated to individual plants

SOUTHWESTERN ELECTRIC POWER COMPANY
Natural Gas (Combustion Turbine) O&M Expense Summary
For the Test Year Ending March 31, 2020

| Line No | (1) FERC | (2) Description | (3) Percent Total | (4) Apr-19 | (5) May-19 | (6) Jun-19 | (7) Jul-19 | (8) Aug-19 | (9) Sep-19 | (10) Oct-19 | (11) Nov-19 | (12) Dec-19 | (13) Jan-20 | (14) Feb-20 | (15) Mar-20 | (16) Total |
|---------|-------------|---|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| 1 | | <u>Steam Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 10.39% | 2,076 | 3,444 | 2,736 | 3,141 | 34,584 | 27,171 | 6,341 | 1,277 | 15,838 | 26,518 | 10,840 | 8,148 | 142,114 |
| 3 | 5020 | Steam Expenses | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 5050 | Electric Expenses | 0.00% | 2 | 0 | 0 | 4 | (6) | (0) | 0 | 0 | (50) | 1 | (1) | - | (50) |
| 5 | 5060 | Misc Steam Power Expenses | -0.58% | - | - | (7,452) | (615) | - | - | 132 | - | - | - | - | - | (7,935) |
| 6 | 5070 | Rents | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7 | 5090 | Allowance Consumption SO2 | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | | | 9.81% | 2,078 | 3,444 | (4,716) | 2,530 | 34,578 | 27,171 | 6,473 | 1,277 | 15,788 | 26,519 | 10,839 | 8,148 | 134,129 |
| 9 | | <u>Steam Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 3.00% | 763 | 1,108 | 6,962 | 2,411 | 9,308 | 978 | 554 | 184 | 5,035 | 1,280 | 2,519 | 9,980 | 41,082 |
| 11 | 5110 | Maintenance of Structures | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12 | 5120 | Maintenance of Boiler Plant | 1.88% | - | - | 24,903 | (185) | - | 65 | - | - | 1,128 | (207) | 8 | - | 25,712 |
| 13 | 5130 | Maintenance of Electric Plant | -0.01% | 191 | (136) | 82 | (51) | (126) | 173 | 422 | (606) | 68 | (207) | 29 | (36) | (196) |
| 14 | 5140 | Maintenance of Misc Steam Plt | 0.02% | - | - | - | - | - | - | - | - | - | - | 201 | 55 | 256 |
| 15 | | | 4.89% | 954 | 972 | 31,947 | 2,175 | 9,182 | 1,216 | 976 | (422) | 6,231 | 866 | 2,757 | 9,999 | 66,854 |
| 16 | | <u>Other Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 17 | 5460 | Oper Supervision & Engineering | 0.01% | - | - | (1,561) | - | - | - | - | - | - | - | 1,703 | - | 142 |
| 18 | 5480 | Generation Expenses | 18.86% | 22,991 | 32,278 | 19,824 | 17,844 | 38,280 | 10,691 | 26,535 | 16,466 | 20,672 | 18,418 | 20,095 | 13,789 | 257,883 |
| 19 | 5490 | Misc Other Pwr Generation Exp | 0.00% | - | - | - | - | 7 | (6) | - | - | - | - | - | - | 1 |
| 20 | | | 18.87% | 22,991 | 32,278 | 18,263 | 17,844 | 38,287 | 10,685 | 26,535 | 16,466 | 20,672 | 18,418 | 21,798 | 13,789 | 258,026 |
| 21 | | <u>Other Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 22 | 5510 | Maint Supv & Engineering | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 23 | 5520 | Maintenance of Structures | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 5530 | Maintenance of Generating Plt | 60.57% | 52,809 | 43,394 | 46,794 | 69,366 | 78,132 | 71,579 | 56,376 | 105,889 | 105,728 | 43,299 | 65,784 | 89,011 | 828,161 |
| 25 | 5540 | Maint of Misc Oth Pwr Generation | 5.87% | 7,483 | 7,216 | 1,575 | 5,640 | 1,962 | (53) | 9,758 | 15,057 | 2,874 | 298 | 14,413 | 13,982 | 80,205 |
| 26 | | | 66.43% | 60,292 | 50,610 | 48,369 | 75,006 | 80,094 | 71,526 | 66,134 | 120,946 | 108,602 | 43,597 | 80,197 | 102,993 | 908,366 |
| 27 | | <u>Other Power Supply Expenses - Operation</u> | | | | | | | | | | | | | | |
| 28 | 5560 | Sys Control & Load Dispatching | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | 5570 | Other Expenses | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | Total Production O&M (excluding Fuel and Purchased Power) | 100.00% | 86,315 | 87,304 | 93,863 | 97,555 | 162,141 | 110,598 | 100,119 | 138,267 | 151,293 | 89,400 | 115,591 | 134,929 | 1,367,375 |

NOTE

- Production costs not directly incurred by the plant were allocated on the basis of direct amounts incurred by FERC account
- Other Power Supply Expenses were not allocated to individual plants

SOUTHWESTERN ELECTRIC POWER COMPANY
Natural Gas Plant O&M Expense (Mattison)
For the Test Year Ending March 31, 2020

| Line No | (1) FERC | (2) Description | (3) Percent Total | (4) Apr-19 | (5) May-19 | (6) Jun-19 | (7) Jul-19 | (8) Aug-19 | (9) Sep-19 | (10) Oct-19 | (11) Nov-19 | (12) Dec-19 | (13) Jan-20 | (14) Feb-20 | (15) Mar-20 | (16) Total |
|---------|-------------|---|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| 1 | | <u>Steam Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 10.39% | 2,076 | 3,444 | 2,736 | 3,141 | 34,584 | 27,171 | 6,341 | 1,277 | 15,838 | 26,518 | 10,840 | 8,148 | 142,114 |
| 3 | 5020 | Steam Expenses | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | 5050 | Electric Expenses | 0.00% | 2 | 0 | 0 | 4 | (6) | (0) | 0 | 0 | (50) | 1 | (1) | - | (50) |
| 5 | 5060 | Misc Steam Power Expenses | -0.58% | - | - | (7,452) | (615) | - | - | 132 | - | - | - | - | - | (7,935) |
| 6 | 5070 | Rents | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7 | 5090 | Allowance Consumption SO2 | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | | | 9.81% | 2,078 | 3,444 | (4,716) | 2,530 | 34,578 | 27,171 | 6,473 | 1,277 | 15,788 | 26,519 | 10,839 | 8,148 | 134,129 |
| 9 | | <u>Steam Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 3.00% | 763 | 1,108 | 6,962 | 2,411 | 9,308 | 978 | 554 | 184 | 5,035 | 1,280 | 2,519 | 9,980 | 41,082 |
| 11 | 5110 | Maintenance of Structures | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 12 | 5120 | Maintenance of Boiler Plant | 1.88% | - | - | 24,903 | (185) | - | 65 | - | - | 1,128 | (207) | 8 | - | 25,712 |
| 13 | 5130 | Maintenance of Electric Plant | -0.01% | 191 | (136) | 82 | (51) | (126) | 173 | 422 | (606) | 68 | (207) | 29 | (36) | (196) |
| 14 | 5140 | Maintenance of Misc Steam Plt | 0.02% | - | - | - | - | - | - | - | - | - | - | 201 | 55 | 256 |
| 15 | | | 4.89% | 954 | 972 | 31,947 | 2,175 | 9,182 | 1,216 | 976 | (422) | 6,231 | 866 | 2,757 | 9,999 | 66,854 |
| 16 | | <u>Other Power Generation - Operation</u> | | | | | | | | | | | | | | |
| 17 | 5460 | Oper Supervision & Engineering | 0.01% | - | - | (1,561) | - | - | - | - | - | - | - | 1,703 | - | 142 |
| 18 | 5480 | Generation Expenses | 18.86% | 22,991 | 32,278 | 19,824 | 17,844 | 38,280 | 10,691 | 26,535 | 16,466 | 20,672 | 18,418 | 20,095 | 13,789 | 257,883 |
| 19 | 5490 | Misc Other Pwr Generation Exp | 0.00% | - | - | - | - | 7 | (6) | - | - | - | - | - | - | 1 |
| 20 | | | 18.87% | 22,991 | 32,278 | 18,263 | 17,844 | 38,287 | 10,685 | 26,535 | 16,466 | 20,672 | 18,418 | 21,798 | 13,789 | 258,026 |
| 21 | | <u>Other Power Generation - Maintenance</u> | | | | | | | | | | | | | | |
| 22 | 5510 | Maint Supv & Engineering | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 23 | 5520 | Maintenance of Structures | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | 5530 | Maintenance of Generating Plt | 60.57% | 52,809 | 43,394 | 46,794 | 69,366 | 78,132 | 71,579 | 56,376 | 105,889 | 105,728 | 43,299 | 65,784 | 89,011 | 828,161 |
| 25 | 5540 | Maint of Misc Oth Pwr Generation | 5.87% | 7,483 | 7,216 | 1,575 | 5,640 | 1,962 | (53) | 9,758 | 15,057 | 2,874 | 298 | 14,413 | 13,982 | 80,205 |
| 26 | | | 66.43% | 60,292 | 50,610 | 48,369 | 75,006 | 80,094 | 71,526 | 66,134 | 120,946 | 108,602 | 43,597 | 80,197 | 102,993 | 908,366 |
| 27 | | <u>Other Power Supply Expenses - Operation</u> | | | | | | | | | | | | | | |
| 28 | 5560 | Sys Control & Load Dispatching | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | 5570 | Other Expenses | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | | 0.00% | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | Total Production O&M (excluding Fuel and Purchased Power) | 100.00% | 86,315 | 87,304 | 93,863 | 97,555 | 162,141 | 110,598 | 100,119 | 138,267 | 151,293 | 89,400 | 115,591 | 134,929 | 1,367,375 |

NOTE

- Production costs not directly incurred by the plant were allocated on the basis of direct amounts incurred by FERC account
- Other Power Supply Expenses were not allocated to individual plants

SOUTHWESTERN ELECTRIC POWER COMPANY
Summary of Adjusted Test Year Production O&M Expenses
For the Test Year Ending March 31, 2020

Please see Schedule G-15 for SWEPCO's adjusted test year production O&M expenses

SOUTHWESTERN ELECTRIC POWER COMPANY
Summary of Actual Production O&M Expenses Incurred
For the Years 2015 - 2019

| Line No | (1) FERC | (2) Description | (3) 2015 | (4) 2016 | (5) 2017 | (6) 2018 | (7) 2019 |
|---------|-------------|---|-------------|-------------|-------------|-------------|-------------|
| 1 | | <u>Steam Power Generation - Operation</u> | | | | | |
| 2 | 5000 | Oper Supervision & Engineering | 16,225,201 | 17,009,801 | 17,305,120 | 19,360,120 | 22,588,759 |
| 3 | 5020 | Steam Expenses | 17,790,151 | 22,613,627 | 21,031,222 | 23,302,367 | 19,965,648 |
| 4 | 5050 | Electric Expenses | 9,600,704 | 9,504,996 | 8,979,009 | 10,597,190 | 10,998,126 |
| 5 | 5060 | Misc Steam Power Expenses | 17,147,369 | 18,272,258 | 18,654,211 | 18,473,969 | 15,805,675 |
| 6 | 5070 | Rents | 520,200 | 530,604 | 180,405 | 3,204 | 3,199 |
| 7 | 5090 | Allowance Consumption SO2 | 130,262 | 200,952 | 315,590 | 283,673 | 485,759 |
| 8 | | | | | | | |
| 9 | | <u>Steam Power Generation - Maintenance</u> | | | | | |
| 10 | 5100 | Maint Supv & Engineering | 6,102,987 | 6,197,466 | 5,934,645 | 6,204,980 | 5,917,815 |
| 11 | 5110 | Maintenance of Structures | 7,125,123 | 8,901,219 | 6,643,126 | 6,302,212 | 5,817,297 |
| 12 | 5120 | Maintenance of Boiler Plant | 46,913,697 | 50,057,506 | 37,902,122 | 39,923,750 | 37,141,894 |
| 13 | 5130 | Maintenance of Electric Plant | 15,651,696 | 12,839,583 | 14,191,157 | 11,774,321 | 7,931,562 |
| 14 | 5140 | Maintenance of Misc Steam Plt | 7,823,386 | 7,873,525 | 7,312,765 | 7,046,189 | 6,695,908 |
| 15 | | | | | | | |
| 16 | | <u>Other Power Generation - Operation</u> | | | | | |
| 17 | 5460 | Oper Supervision & Engineering | - | 5,858 | 9,044 | 7,559 | - |
| 18 | 5480 | Generation Expenses | 219,201 | 214,575 | 177,779 | 202,730 | 246,146 |
| 19 | 5490 | Misc Other Pwr Generation Exp | - | - | - | 7 | 165 |
| 20 | | | | | | | |
| 21 | | <u>Other Power Generation - Maintenance</u> | | | | | |
| 22 | 5520 | Maintenance of Structures | - | - | - | - | 961 |
| 23 | 5530 | Maintenance of Generating Plt | 1,152,336 | 816,619 | 602,969 | 871,026 | 870,833 |
| 24 | 5540 | Maint of Misc Oth Pwr Gneratn | 21,122 | 18,083 | 786,915 | 26,796 | 59,749 |
| 25 | | | | | | | |
| 26 | | <u>Other Power Supply Expenses - Operation</u> | | | | | |
| 27 | 5560 | Sys Control & Load Dispatching | 1,827,786 | 1,880,465 | 1,677,405 | 1,860,318 | 1,544,717 |
| 28 | 5570 | Other Expenses | 4,946,123 | 3,236,433 | 6,634,287 | 554,453 | 6,657,850 |
| 29 | | | | | | | |
| 30 | | | | | | | |
| 31 | | Total Production O&M (excluding Fuel and Purchased Power) | 153,197,344 | 160,173,570 | 148,337,771 | 146,794,864 | 142,732,063 |

**SOUTHWESTERN ELECTRIC POWER COMPANY
MAJOR O&M PROJECTS, 2021 BUDGET**

| Line No | Location | Project | 2021 Budgeted Amount (\$) |
|---------|--------------------|--|---------------------------|
| 1 | Arsenal Hill Plant | ARS6AL TSA Stall 6A LTSA CT | 450,000 |
| 2 | Arsenal Hill Plant | ARS6BL TSA STALL 6B LTSA CT | 450,000 |
| 3 | Arsenal Hill Plant | ARS14M003 Repair Corrosion Fatigue Damag | 403,836 |
| 4 | Arsenal Hill Plant | ARS6OUTCL ARS6 OUTAGE CONTRACT LABOR | 400,000 |
| 5 | Arsenal Hill Plant | ARSU6OUTG Arsenal Hill Unit 6 Outage | 350,000 |
| 6 | Arsenal Hill Plant | ARS6AHINS 6A HRSG INSPECTIONS/INSULATION | 250,000 |
| 7 | Arsenal Hill Plant | ARS6BHINS 6B HRSG INSPECTIONS | 250,000 |
| 8 | Arsenal Hill Plant | ARS6GNRRO Stall Steam Turbine Val Repair | 250,000 |
| 9 | Arsenal Hill Plant | ARSCTDUES LTSA Annual Dues | 207,100 |
| 10 | Arsenal Hill Plant | ARSU6ORMR ARS STALL UNIT ORM REQUIREMENT | 200,000 |
| 11 | Arsenal Hill Plant | ARSU5GBIR U5 BOILER MAINTENANCE/INSPECTI | 170,000 |
| 12 | Arsenal Hill Plant | ARS6CLTWR ARS6 COOLING TOWER CLEANING | 140,000 |
| 13 | Arsenal Hill Plant | ARS6FACHE STALL FAC-HEP-CATHODIC PROTECT | 130,000 |
| 14 | Arsenal Hill Plant | ARS6FEEDW FEED WATER SYSTEM VALVE REBUIL | 125,000 |
| 15 | Arsenal Hill Plant | ARSU6NOMI ARS Stall Unit NOMI Projects | 125,000 |
| 16 | Arsenal Hill Plant | ARS6ABRKR ARS 6A Line Breaker 1900 | 100,000 |
| 17 | Arsenal Hill Plant | ARS6BBRKR ARS 6B LINE Breaker 19100 | 100,000 |
| 18 | Arsenal Hill Plant | ARS10U6GO ARS Unit 6 Routine Outage | 100,000 |
| 19 | Arsenal Hill Plant | ARS6GOMRO ARS Stall GOMRO | 100,000 |
| 20 | Flint Creek Plant | FLCBOILCC Boiler Chemical Cleaning | 700,000 |
| 21 | Flint Creek Plant | 000015785 FLC Major Outage OT | 219,128 |
| 22 | Flint Creek Plant | FLC1G1742 Routine Boiler Maintenance | 185,000 |
| 23 | Flint Creek Plant | FLC1NID01 ID Fan Scheduled Rebuild | 175,000 |
| 24 | Flint Creek Plant | 000013005 FLC Pulverizer Maintenance | 112,500 |
| 25 | Flint Creek Plant | FLCFGD814 Misc Routine Maintenance | 100,000 |
| 26 | Knox Lee Plant | KXL5MB001 KXL U5 GBIR Overhaul | 200,000 |
| 27 | Knox Lee Plant | KXL5MB016 KXL U5 Boiler Header Inspect | 150,000 |
| 28 | Knox Lee Plant | KXL5MT009 KXL U5 ORM Turbine Vlv Insp | 125,000 |
| 29 | Knox Lee Plant | KXL5MI001 KXL U5 CWP Overhaul | 100,000 |
| 30 | Knox Lee Plant | KXL5MT004 KXL U5 Main Steam Stop Vlv | 100,000 |
| 31 | Knox Lee Plant | KXL5MT010 KXL U5 TDBFP Pump Inspection | 100,000 |
| 32 | Lieberman Plant | LBM0MLRSO RSO LABOR | 175,000 |
| 33 | Lieberman Plant | LBM3MB102 U3 High Energy Piping | 158,000 |
| 34 | Mattison Plant | 000014769 TON Plant Improvements | 235,810 |
| 35 | Pirkey Plant | PRK21GBIR O M GBIR | 1,013,185 |
| 36 | Pirkey Plant | PRK11PULV O M Pulverizer | 945,296 |
| 37 | Pirkey Plant | PRKMFAN51 Fans PA Fans Overhaul | 330,854 |
| 38 | Pirkey Plant | PRKMFGD51 ABS TOWER CLEANING | 300,776 |
| 39 | Pirkey Plant | FGACICMMS FHG ACI Testing Hg CMMS | 259,198 |
| 40 | Pirkey Plant | PRKMBLR64 CONDITION ASSESSMENTS | 171,872 |
| 41 | Pirkey Plant | PRKMELV01 BOILER ELEVATOR DOORS | 171,872 |
| 42 | Pirkey Plant | PRKMBLR50 BOILER RH INLET OUTLET BANKS | 128,904 |
| 43 | Pirkey Plant | PRKPSM223 CY RR Work Maint Etc | 128,904 |
| 44 | Pirkey Plant | PRK11M300 Boiler Life Assess / Repairs | 103,123 |
| 45 | Turk Plant | TRKBMISCR TRK MISC REPAIRS | 1,030,842 |
| 46 | Turk Plant | TRKBCOMIS TRK MISC EXPENSE | 527,998 |
| 47 | Turk Plant | TRKNMOBLR TRK CY ONLY MOBILE EQPT RPR | 439,998 |
| 48 | Turk Plant | TRKBCYREP TRK MISC CY REPAIRS | 342,468 |
| 49 | Turk Plant | TRKOFRNCL TRK OUTAGE FURNANCE CLEANING | 342,461 |
| 50 | Turk Plant | TRKNMISCM TRK NOMI MISC MAINT | 329,998 |
| 51 | Turk Plant | TRKOMISCM TRK OMRO MISC MAINTENANCE | 256,666 |
| 52 | Turk Plant | TRKOPVWB TRK PLANT VACUUM/WATER BLAST | 201,666 |
| 53 | Turk Plant | TRKBCOSDA TRK SDA MAINT | 199,191 |

**SOUTHWESTERN ELECTRIC POWER COMPANY
MAJOR O&M PROJECTS, 2021 BUDGET**

| Line No. | Location | Project | 2021 Budgeted Amount (\$) |
|----------|--------------|--|------------------------------|
| 54 | Turk Plant | FGACICMMS FHG ACI Testing Hg CMMS | 178,933 |
| 55 | Turk Plant | TRKOMBOIL TRK OMRO MAJOR BOILER | 164,999 |
| 56 | Turk Plant | TRKBLSEQP TRK NOMI NON OUTAGE EQPT RNTL | 148,499 |
| 57 | Turk Plant | TRKBDCS00 TRK DCS SYSTEM | 146,666 |
| 58 | Turk Plant | TRKNCYMIS TRK NOMI CY MISC MAINT | 131,999 |
| 59 | Turk Plant | TRKOBOILM TRK OMRO BOILER MAINT | 110,000 |
| 60 | Turk Plant | TRKOSCAFF TRK OUTAGE SCAFFOLDING | 110,000 |
| 61 | Turk Plant | TRKOCAFIN TRK FD FAN REBUILD | 100,466 |
| 62 | Welsh Plant | WSHMU3087 WSH U3 INDUCED DRFT FAN REBLD | 352,000 |
| 63 | Welsh Plant | WWSHM2012 WSH U0 Pulverizer Mill Maint | 300,000 |
| 64 | Welsh Plant | WSHMU0010 WSH U0 Rebuild Pulverizer | 250,000 |
| 65 | Welsh Plant | WSHMU3063 WSH U3 PSH and SH Repairs | 238,214 |
| 66 | Welsh Plant | WSHMU3082 WSH U3 GEN BLR,CSG,INSUL, SB | 147,544 |
| 67 | Welsh Plant | WSHMU3075 WSH U3 Circ Service Water Sys | 123,572 |
| 68 | Welsh Plant | WSHMU3086 WSH U3 MAIN STM SPRHTR & LINE | 123,308 |
| 69 | Welsh Plant | WSHMU3081 WSH U3 FW HEATER AND FW SYSTEM | 122,414 |
| 70 | Welsh Plant | WSHMU3064 WSH U3 PSH ASSEMBLY RPR RPLACE | 115,750 |
| 71 | Wilkes Plant | WLKM20044 U2 RETAINING RING INSPECTION | 500,000 |
| 72 | Wilkes Plant | WLKM00209 U2 GENERATOR INSPECTION | 420,000 |
| 73 | Wilkes Plant | WLKM00302 Unit 3 - Boiler Chemical Clean | 400,000 |
| 74 | Wilkes Plant | WLKM30017 U3 CONTROL VALVES | 260,000 |
| 75 | Wilkes Plant | WLKM00205 U2 Mn Aux Cond Eddy Curr Test | 150,000 |
| 76 | Wilkes Plant | WLKM10029 U1 CORRIION FATIGUE INSPECT | 150,000 |
| 77 | Wilkes Plant | WLKM00101 Unit 1 - Routine Outage Repair | 110,000 |
| 78 | Wilkes Plant | WLKM00201 Unit 2 - Routine Outage Repair | 110,000 |
| 79 | Wilkes Plant | WLKM00301 Unit 3 - Routine Outage Repair | 110,000 |



Property Accounting Policy/Procedure

| | | | |
|-------------------------------|-----------------------|--|-------------------|
| Policy/Procedure Title | Capitalization Policy | Date | November 30, 2015 |
| Owner: | Property Accounting | Status: (Draft, Under Review, Approved) | Approved |

Purpose

The purpose of this corporate procedure is to formalize guidelines for classifying expenditures as capital for AEP's utility subsidiaries. Certain AEP investment/non-regulated companies have their own capitalization policy.

Procedure

General:

AEP's utility companies follow Federal Energy Regulatory (FERC) guidelines to determine when expenditures should be classified as capital and considered additions or retirements of electric plant. FERC guidelines state that all property shall be considered as consisting of retirement units and minor items of property.

FERC guidelines also dictate that each utility shall use a list of retirement units and provide some discretion in permitting each utility to define the units.

The assistant controller must approve all deviations from this policy.

Retirement Units:

Retirement Units are items of plant that are capitalized when added to electric plant and retired when removed from electric plant. Retirement units are generally costly and long-lived. In addition, when new retirement units are established, they should not be an integral part of an existing retirement unit.

With the exception of transmission and distribution equipment retirement units, AEP does not permit capitalization of a retirement unit that has a per unit material value of less than \$1,000. (Transmission and distribution equipment does not have a dollar limit for capitalization but instead uses the retirement unit designation to determine when to capitalize property additions.)

Capital Software projects must have a value of at least \$1,000 to qualify for capitalization. Where major AEPSC capital software project costs are spread to individual AEP subsidiaries, these costs will be capitalized by those subsidiaries, unless there is a specific reason not to capitalize them. The AEPSC Accounting Team maintains a listing of AEP affiliates that do not capitalize software project costs.



Property Accounting Policy/Procedure

® Additions to AEP's retirement unit listing may be made by written request to AP&R that includes a description of the proposed new unit, its estimated useful life and the approximate cost of the item. Business unit representatives, Property Accounting and Accounting Policy and Research will review the requested additions to determine if it is appropriate to make the revision to AEP's retirement unit listing.

Minor Items of Property:

Minor items of property are all items that are not defined as retirement units. They are generally less than \$1,000 and may be a part of a related retirement unit. In many cases, they are subject to frequent replacement and may therefore have shorter lives than a related retirement unit.

It is AEP's policy that unless a minor item of property is being added or removed along with a related retirement unit, the cost to add or remove a minor item of property should be charged to the appropriate maintenance account.

Betterment

Betterment represents an improvement or enlargement of existing depreciable electric plant property by the replacement of minor items of property independent of the retirement units of which they are a part.

Betterment should only be considered as a reason for capitalization when there is no retirement unit being installed by the applicable project.

Betterment permits capitalization of the difference between the current material costs of the betterment parts over the current material costs of the replaced parts. No labor or other type costs can be capitalized using these criteria.

Betterment will only be considered as a reason for capitalization when a substantial addition such as \$500,000 or greater, results.

In addition, betterment should only be used as a reason for capitalization when there is an improvement or enlargement of existing depreciable electric plant where the improvement has the effect of **significantly** extending the original life or increasing the capacity or lowering the operating cost of the retirement unit affected.

Any capitalization of betterment costs requires written approval from Property Accounting and Accounting Policy and Research.



Property Accounting Policy/Procedure

Reviewers

| Name | Initials | Date |
|------------------|----------|------------|
| James Henderson | JEH | 4/19/04 |
| Thomas Mitchell | TEM | 4/19/04 |
| Julie Williams | JW | 4/20/04 |
| Michael Sullivan | MJS | 4/21/04 |
| Sandra Bennett | SSB | 6/14/04 |
| Thomas M. Myers | TMM | 5/24/04 |
| Susan Higginson | SEH | 6/17/04 |
| Nancy Roby | NNR | 5/27/2011 |
| Joshua O'Neill | JPO | 11/30/2015 |

Prepared By

Josh O'Neill – Property Accounting 11/30/2015

Reviewed By

Janet Swanger/Thomas Sulhan, Manager, Property Accounting *Thomas Sulhan* 4/18/15

Approved By

Larry Sullivan, Accounting Operations Sr. Mgr.
Julie Williams, Asst. Controller

L. Sullivan 12/30/1
Julie Williams 12/2

Edit History

Edited on 12/23/04 – for Jason Stegall to add “The assistant controller must approve all deviations from this policy.”
Edited on 1/18/06 – under Purpose to indicate that certain AEP subsidiaries such as MEMCO follow their own capitalization Policy.

12/16/2015 by Josh O'Neill

- Under 'Purpose', removed 'Such as MEMCO'
- Per email from AP&R, the 'Betterment' section should remain for certain limited situations
- Per Email From Brian Frantz, in the 'Retirement Units' section, paragraph three, removed “Where major capital software project costs are spread to individual AEP subsidiaries, any company receiving less than \$1,000 of the allocated cost should charge their share of the cost to expense.” and replaced it with “Where major AEPSC capital software project costs are spread to individual AEP subsidiaries, these costs will be capitalized by those subsidiaries, unless there is a specific reason not to capitalize them. The AEPSC Accounting Team maintains a listing of AEP affiliates that do not capitalize software project costs.”

SOUTHWESTERN ELECTRIC POWER COMPANY
Nuclear Capital Costs Projects
For the Test Year Ended March 31, 2020

This information is not applicable to Southwestern Electric Power Company

SOUTHWESTERN ELECTRIC POWER COMPANY
Listing of Plant Additions Greater Than \$100K for Fossil Generation Plants
For July 2016 Thru March 2020

| Funding Project Number | Funding Project Description | Completion Date | Cost | Classification | Benefit Analysis (Yes/No) |
|------------------------|--------------------------------|-----------------|--------------|--------------------|---------------------------|
| 000021554 | SWEPCO DHLC/Pirkey Land Acq | Nov-19 | \$4,007,544 | 9 | Y |
| 000021701 | FC U1 NOx Mods | Apr-19 | \$8,510,103 | 3 | Y |
| ARCFLA168 | Arc Flash Protectn Swi SWEPCO | Aug-19 | \$516,216 | 1 | Y |
| ARS6ACWPR | CIRC WATER PUMP REPLACE | Mar-19 | \$435,193 | 7 | Y |
| ARS6ASCRR | Stall U6A SCR Catalyst Replace | Mar-20 | \$766,108 | 2,7 | Y |
| ARS6BCWPR | CIRC WATR PUMP REPLACE Unit 6B | Mar-19 | \$470,748 | 7 | Y |
| ARS6BSCRR | Stall U6B SCR Catalyst Replace | Feb-20 | \$762,047 | 2,7 | Y |
| ARS6STMAJ | STEAM TURBINE MAJOR - 6 | Mar-20 | \$2,408,292 | 7 | Y |
| ARSBAYOU1 | Stall-Bayou Bank Stabilization | Sep-19 | \$1,480,928 | 7,1,9 | Y |
| ARSCP6A17 | STALL 6A LTSA CAPITAL 2017 | Apr-18 | \$12,115,128 | 7 | Y |
| ARSCP6B18 | STALL 6B LTSA CAPITAL 2018 | Dec-18 | \$12,761,176 | 7 | Y |
| DLHCI0034 | DLH Switchgear Replc | Feb-18 | \$1,117,120 | 2 | Y |
| DLHCI0043 | DHPS-Upgrade Air Heaters | Nov-19 | \$1,171,148 | 7 | Y |
| DLHCI0044 | Rpl Boiler Furnace Lwr Tubing | May-19 | \$751,108 | 7 | Y |
| FC001FGD0 | FC U1 DFGD w/ FF | Aug-18 | \$2,843,638 | 3 | Y |
| FC001LNDP | Flint Creek FGD LandFill | Mar-18 | \$7,215,873 | 3 | Y |
| FCLEACHAT | FC Landfill Leachate Treatment | Dec-17 | \$4,081,102 | 3 | Y |
| FLC090004 | Replace Turbine Blade Rows | Dec-18 | \$797,903 | 7 | N |
| FLCSTATOR | FLC Spare Stator Bars | Mar-20 | \$1,315,462 | 7 | N |
| FLCU10155 | FLC U1B 4-kV Switchgear Repl | Sep-18 | \$1,567,930 | 10(environmental) | N |
| FLCU10156 | FLC U1C 4-kV Switchgear Repl | Mar-20 | \$708,564 | 10(safety) | Y |
| FLCU10157 | FLC 4KV CH1A1B Switchgear Rpl | Mar-20 | \$773,774 | 6 | Y |
| IT1681321 | Regulated RTU Project - SWEPCO | Feb-17 | \$263,916 | 3,7 | N |
| IT1681421 | Maximo Imp - SEP - G | Mar-20 | \$9,081,297 | 6 | Y |
| IT168BILL | Corp Prgm Billing - SWEPCO Ge | Feb-18 | \$5,901,077 | 10 | Y |
| KXL5CT001 | KXL U5 Turbine Bucket Rep | Nov-17 | \$1,400,376 | 7 | Y |
| LBM10C008 | Lieberman U4 Retube Condenser | Jun-17 | \$656,853 | 7 | Y |
| NRCPSWPCO | NERC CIP SWEPCO | Jun-19 | \$2,220,471 | 3 | Y |
| NRXSWPCO | SWEPCO Plant NRX System Deploy | Sep-18 | \$502,175 | 6 | Y |
| PRK12C704 | PRK Controls BMS CC | Mar-20 | \$15,496,009 | 7,6,10 (env) | Y |
| PRKCBLR52 | OFA CORROSION | Oct-17 | \$1,744,778 | 7 | Y |
| PRKCFGD60 | FGD CONTROLS UPGRADE | Mar-20 | \$6,688,024 | 7,6,10 (env) | Y |
| PRKXENV02 | PRK Landfill 2012 thru 2016 | Jul-18 | \$269,213 | 10 (environmental) | Y |
| PRKXWTR53 | Replace Pirkey U1 F HP Heater | Sep-17 | \$810,174 | 7 | Y |
| TKARCFLSH | Turk Arc Flash Safety Systems | Apr-17 | \$693,937 | 2 | N |
| TRK1PJIFF | Pulse Jet Fabric Filter Rplce | Sep-18 | \$710,990 | 10(environmental) | Y |
| TRK1SCR4L | SCR Catalyst 4th Layer | Dec-18 | \$1,760,148 | 10(environmental) | Y |
| TRK2LNDFL | TRK ACTIVATE 2 LANDFILL | Mar-19 | \$5,587,791 | 10(environmental) | Y |
| TRKH20PON | TRK MAKEUP H2O POND | Jun-17 | \$1,691,680 | 7 | Y |
| TRKPONDRO | Coal Yard Runoff Surge Tanks | Oct-17 | \$485,873 | 10(environmental) | Y |
| TRKRAILR1 | Turk Rail Replacement | Mar-19 | \$1,678,458 | 1,7 | Y |
| TRKRAILR2 | Turk Rail Replacement | Feb-20 | \$4,153,658 | 1,7 | Y |
| WLKCI1002 | WLK1 HPRHLP TURBINE OVERHAUL | Jul-18 | \$974,397 | 7 | Y |
| WLKCI1004 | WLK1 TSI Replacement | Jun-18 | \$836,805 | 7 | Y |
| WLKCI2004 | U2 SHRH Outlet BNKHDR Repl | Nov-18 | \$6,889,135 | 7 | Y |
| WLKCI3004 | U3 SHRH Outlet BNKHDR Replc | Mar-18 | \$6,854,298 | 7 | Y |
| WLKCI3007 | Wilkes U3 RETUBE E FW HTR | Nov-17 | \$287,355 | 7 | Y |
| WLKCI3011 | RETUBE WILKES U3 F HP HEATER | Feb-17 | \$342,316 | 7 | Y |
| WSHCU0019 | WSH U0 Coal Car Dumper Replace | Aug-19 | \$4,953,728 | 7 | Y |
| WSHCU0112 | WSH U0 COAL HANDLING 4KV REPL | Jun-18 | \$1,496,387 | 7 | Y |
| WSHCU0CBK | WSH CAP BANK 4KV Switchgr Rpl | Dec-18 | \$1,136,310 | 7 | N |
| WSHCU1059 | WSH U1 AH Bask Interm Hot End | Mar-17 | \$1,073,056 | 4 | Y |
| WSHCU1103 | WSH U1 GSU TRANSFORMER REPLACE | Nov-18 | \$979,499 | 7 | Y |
| WSHCU1105 | WSH U1 GENERATOR SPARE COILS | Jul-18 | \$4,262,897 | 7 | N |

SOUTHWESTERN ELECTRIC POWER COMPANY
Listing of Plant Additions Greater Than \$100K for Fossil Generation Plants
For July 2016 Thru March 2020

| Funding Project Number | Funding Project Description | Completion Date | Cost | Classification | Benefit Analysis (Yes/No) |
|------------------------|--|-----------------|----------------------|-------------------|---------------------------|
| WSHCU3059 | WSH U3 AH Bask Interm Hot End | Feb-17 | \$1,029,564 | 4 | Y |
| WSHCU3101 | WSH U3 REPL A C 4KV SWITCHGE | Apr-17 | \$3,474,780 | 7 | Y |
| WSHCU3102 | WSH U3B 4-kV Switchgear Repl | Jun-18 | \$2,456,890 | 7 | Y |
| WSHENVENG | WSH U0 ACI / FF / Chimney | Jun-18 | \$6,558,842 | 3 | Y |
| WWSHPPBNB | WSH Capital Non-Budgeted | Mar-20 | \$3,194,624 | 7 | N |
| X00000010 | WS-CI-SEPCo-G PPB - Blanket Project | Mar-20 | \$91,579,841 | Various | * |
| X00000124 | SS-CI-SEPCo-G GEN PLT - Blanket Project | Mar-20 | \$637,174 | Various | * |
| X00000581 | SS-CI-SEPCo-G Software - Blanket Project | Mar-20 | \$28,020,306 | Various | * |
| ARO | Asset Retirement Obligation | Mar-20 | \$25,460,038 | 10(environmental) | N |
| | | | \$320,872,246 | | |

*Individual blanket projects in excess of \$1 million require a cost benefit analysis.

Classification Categories

- 1 Immediate Personnel Safety Requirement
- 2 Regulatory Safety of Operations Requirement
- 3 Regulatory Commitment (Not classifieds in (2) above)
- 4 Planet Efficiency Improvement
- 5 New Building
- 6 Productivity Improvement
- 7 Reliability
- 8 Economic
- 9 Habitability
- 10 Other (Give a description)

SOUTHWESTERN ELECTRIC POWER COMPANY
Nuclear Capital Expenditures
For the Test Year Ended March 31, 2020

is information is not applicable to Southwestern Electric Power Company

SOUTHWESTERN ELECTRIC POWER COMPANY
Fossil Capital Expenditures
Historical, Present and Projected

| Location | Project Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Grand Total |
|--|---|---------|---------|----------|---------|---------|-----------|-----------|-----------|-----------|-------------|
| 1320 Central Maint Facility SWEPCO | WSX114593 Tooling Contingency New Tools O | 276,730 | 263,904 | 270,889 | 274,778 | 276,112 | 63,529 | | | | 1,425,941 |
| 1320 Central Maint Facility SWEPCO Total | | 276,730 | 263,904 | 270,889 | 274,778 | 276,112 | 63,529 | | | | 1,425,941 |
| 168 SWEPCO Generation | TSCREDITC Tech Services Cap Offset Credit | | | | | | (297,045) | (268,609) | (258,021) | (256,474) | (1,080,149) |
| | ITSSV1744 INFR IBM PowerVC | | | | | | 1,183 | | | | 1,183 |
| | REOSWE001 Micro Ohmmeter - SWE REO | 5,326 | | | | | | | | | 5,326 |
| | ITSEC1732 Cyber-Network Defense Upgr | | | | | | 6,827 | | | | 6,827 |
| | ITSEC1753 Cyber-Audit Remediation | | | | | | 7,405 | 748 | | | 8,153 |
| | REOSWE004 REO RPL AC Front Conf Room | | 10,506 | | | | | | | | 10,506 |
| | 000023786 SWE Flue Gas Analyzer | 10,699 | | | | | | | | | 10,699 |
| | ITUOP1404 WebEOC Implementation | | | | | | | 3,803 | 3,652 | 3,628 | 11,083 |
| | REOSWE005 SCANNER SWEPCO REO | | 12,800 | 135 | | | | | | | 12,934 |
| | ITSEC1636 Cyber Ent Vuln Mgmt & Track | | | | | | 17,601 | | | | 17,601 |
| | REOSWE007 A/C System Replacement - REO | | | | 19,579 | (357) | | | | | 19,221 |
| | ITPFP1421 Maximo Implementation | | | | | | 22,594 | | | | 22,594 |
| | ITPFP1331 Cognos Implementation | | | | | | 32,662 | 1,000 | 125 | | 33,787 |
| | REOSWE006 Motion Amplification Software | | | 36,524 | 7 | | | | | | 36,531 |
| | ITSSV1596 Fleet Vehicle Telematics | | | | | | 41,899 | | | | 41,899 |
| | ITSEC1769 Cyber Access Control Investmnt | | | | | | 43,021 | | | | 43,021 |
| | ITSEC1752 Cyber-Security Analytics | | | | | | 19,379 | 16,417 | 15,771 | | 51,567 |
| | ITCOP1644 COPSFUEL Gas Procur Settle | | | | | | 18,803 | 13,920 | 11,295 | 9,292 | 53,310 |
| | 000024659 SWEPCO-G General Plt Cap Blkt | | | 67,325 | (246) | | | | | | 67,079 |
| | ITUOP1485 Regulatory Planning Automation | | | | | | 68,628 | | | | 68,628 |
| | REOSWE003 Mobile Test Equipment-SWEGEN | 14,456 | | 15,747 | 40,176 | (36) | | | | | 70,342 |
| | ITSEC1761 Cyber-PasswordAuthEnhancmt | | | | | | 70,937 | | | | 70,937 |
| | 000023658 General Plant Blanket SEP-G | 73,057 | 440 | | | | | | | | 73,498 |
| | ITSSV1817 Ent Maximo 2020 Enhance | | | | | | 80,441 | | | | 80,441 |
| | ITSEC1768 Cyber SNAC 2020 | | | | | | 82,446 | | | | 82,446 |
| | ITSEC1763 Cyber - OIM 12c Platform Moder | | | | | | 86,606 | | | | 86,606 |
| | ITSEC1737 CYBER MCAFEE SLA | | | | | | 42,382 | 31,917 | 17,010 | | 91,309 |
| | ITSEC1567 Cisco Security ELA-CAP | | | | | | 51,619 | 43,719 | | | 95,338 |
| | ITSSV1803 IT RSA to FS App Config | | | | | | 72,538 | 30,996 | | | 103,534 |
| | ITSSV1619 Mobility BarCode RFID | | | | | | 84,178 | 30,286 | | | 114,464 |
| | ITSEC1720 Cyber DPPG Data Gov&Compliance | | | | | | 105,145 | 18,773 | | | 123,918 |
| | ITSSV1793 IT Lifecycle VMWare Clster | | | | | | 124,769 | | | | 124,769 |
| | ITCB10300 AEP Service Corp - Telecom | | | | | | 132,022 | | | | 132,022 |
| | 000024115 SWEPCO-G Gen Plt Cap Blanket | | 154,716 | (15,382) | | | | | | | 139,335 |
| | ITSSV1775 IT GDC Bndl Recovery Auto | | | | | | 100,809 | 42,048 | | | 142,857 |
| | ITSEC1556 Cyber IronNet | | | | | | 125,491 | 18,024 | | | 143,515 |
| | ITCHR0001 IT Chairman Blanket | | | | | | 41,546 | 34,667 | 33,945 | 34,403 | 144,561 |
| | REOSWE002 Predictive Maintenance Equip | 102,261 | 61,823 | | | | | | | | 164,085 |
| | ITSSV1766 ITRM CyberArk PW Vault | | | | | | 152,827 | 11,530 | 1,093 | | 165,450 |
| | ITSSV1578 Data Center 2 | | | | | | 168,959 | | | | 168,959 |
| | ITCUS1782 OpCo Website Redesign | | | | | | 172,847 | | | | 172,847 |
| | ITSSV1750 IT INFR Windows 2012 | | | | | | 34,252 | 38,297 | 51,941 | 58,709 | 183,199 |
| | ITPFP0002 IT Pol Fin & Strat Pln Blanket | | | | | | 58,166 | 48,531 | 47,517 | 48,164 | 202,378 |
| | ITSSV1749 ITMP 2020 | | | | | | 218,084 | | | | 218,084 |
| | ITSSV1789 IT Storage Lifecycle | | | | | | 258,836 | | | | 258,836 |
| | 000007652 OOC Capital Projects | | | | | | 79,730 | 67,520 | 66,133 | 67,022 | 280,405 |
| | ITSEC1808 Cyber-MDR | | | | | | 320,986 | 40,055 | | | 361,041 |
| | 000001218 SWE GEN Blanket | | | | | | (465,645) | | 416,733 | 418,733 | 369,821 |

SOUTHWESTERN ELECTRIC POWER COMPANY
Fossil Capital Expenditures
Historical, Present and Projected

| Location | Project Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Grand Total |
|------------------------------------|--|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| | ITSEC1795 Cyber-VulnextPh2ConfigMgt | | | | | | 330,843 | 42,283 | | | 373,126 |
| | ITGEN1758 Maximo Upgrade Enhancements | | | | | | 322,648 | 68,657 | | | 391,305 |
| | ITSSV1811 INFR Lifecycle Mainframe | | | | | | 429,573 | | | | 429,573 |
| | CFOCAPPRJ CFO CAPITAL PROJECTS | | | | | | 213,367 | 181,176 | 50,196 | 50,951 | 495,690 |
| | 000017845 Alliance RCM Cap Blkt | 159,724 | 70,001 | 11,842 | 15,082 | 14,618 | 39,232 | 54,532 | 105,314 | 104,683 | 575,027 |
| | BLDCS Building Projects Cap Std | | | | | | 153,398 | 158,671 | 150,060 | 148,595 | 610,724 |
| | FHSECUSEP FH Physical Security SWEPco | 7,646 | 66 | 2,449 | 8,261 | | 183,289 | 163,920 | 157,140 | 155,893 | 678,665 |
| | ITCOP0001 IT Commercial Ops Blanket | | | | | | 439,780 | 401,028 | 287,048 | 250,812 | 1,378,668 |
| | ITGEN0004 IT Generation Blanket | | | | | | 273,599 | 415,227 | 406,515 | 412,028 | 1,507,369 |
| | IT1681323 High Avail Data Ctr-SEP-G | 777,640 | 1,014,334 | | | | | | | | 1,791,974 |
| | 000018412 FEL IT Projects | | | | | | 183,782 | 667,066 | 634,701 | 647,654 | 2,133,203 |
| | 000025252 2018 Gen Plt Cap Blkt - SEP-G | | | | 95,307 | 413,320 | 630,002 | 548,180 | 526,569 | 523,417 | 2,736,796 |
| | ITSEC1436 Security Blanket | | | | | | 102,413 | 939,763 | 1,056,140 | 1,083,160 | 3,181,476 |
| | ITCAPPROJ It Capital Projects | | | | | | 768,307 | 1,716,477 | 1,708,251 | 1,727,471 | 5,920,506 |
| | DIGITAHUB Digital Hub Project | | | | | | 967,729 | 1,854,711 | 1,829,601 | 1,869,183 | 6,521,224 |
| | IT168BILL Corp Prgrm Billing - SWEPco Ge | | | 4,861,117 | 1,039,960 | 2,715,831 | 146,177 | | | | 8,763,085 |
| | IT1681421 Maximo Imp - SEP - G | | 1,004,713 | 1,868,647 | 2,907,968 | 3,253,361 | 46,607 | | | | 9,081,297 |
| | 000021554 SWEPco DHLC/Pirkey Land Acq | 867,703 | 1,301,961 | 1,609,410 | 719,070 | 474,476 | 4,061,355 | 1,280,413 | 1,772,859 | 1,366,117 | 13,453,364 |
| | ITSSV0003 IT Shared Services Blanket | | | | | | 2,123,472 | 7,561,771 | 8,601,143 | 8,509,658 | 26,796,044 |
| | 000005264 SEPCo-G Capital Software Dev | 5,015,125 | 5,214,473 | 6,837,479 | 9,269,491 | 6,036,291 | 1,502,484 | | | | 33,875,342 |
| | INCCAPINV Incremental Capital Investment | | | | | | 2,278,395 | 19,229,412 | 4,399,653 | 10,991,749 | 36,899,209 |
| | 000024890 SWEPco CCR Placeholder | | | | | | (767,987) | | 7,780,304 | 35,665,933 | 42,678,250 |
| 168 SWEPco Generation Total | | 7,033,636 | 8,845,835 | 15,295,293 | 14,114,655 | 12,907,504 | 16,611,392 | 35,506,929 | 29,872,688 | 63,890,781 | 204,078,713 |
| Arsenal Hill Plant | ARS5ADRYR ARS 5 Airdryer Replacement In | 5 | | | | | | | | | 5 |
| | ARSROOFCR ARS US ROOF REPLACEMENT | 349 | | | | | | | | | 349 |
| | ARSREOICE REO Ice Machine | | | | | 4,802 | 469 | | | | 5,271 |
| | SWE800MHZ 800 MHz BU Comm Equip | | | | | | | 6,274 | | | 6,274 |
| | ARS6CARBF ARS Carbon Filter Skid Unit | 6,922 | | | | | | | | | 6,922 |
| | ARS6B555A 6B Main Steam Non Return Valve | | | | | 93,915 | (77,761) | | | | 16,153 |
| | ARS6DEMMB ARS STALL DEMIN MIXED BED | | | | | 28,046 | | | | | 28,046 |
| | ARSU6CBNT Stall Conf.RM/Kitchen Cabinets | | 17,480 | 19,658 | | | | | | | 37,138 |
| | ARS5INSST GENERATOR INSPECTION FOR STEAM | 42,732 | | | | | | | | | 42,732 |
| | ARS5BATTY STATION BATTERY #5 | | | | | 50,481 | | | | | 50,481 |
| | ARS5PACMP AIR COMPRESSOR REPLACEMENT | | 50,934 | 818 | | | | | | | 51,752 |
| | ARS5FWVLV Feed Water Valve | | 51,699 | 6,232 | | | | | | | 57,931 |
| | ARS5BDHDR Blow Down Drain Headers | | 58,461 | 16 | | | | | | | 58,478 |
| | 000012163 J.L.Stall @ Arsenal Hill Const | 28,364 | 15,947 | 4,494 | 9,224 | 4,848 | 110 | | | | 62,985 |
| | REOSWE008 HVAC Replacement REO | | | | | 65,315 | | | | | 65,315 |
| | ARS6AEVCM ARS 6A EVAP COOLER MEDIA | | | | 74,774 | | | | | | 74,774 |
| | ARS6GASCH ARS Stall Chromatograph | | | | | | | | 76,499 | | 76,499 |
| | ARS6BEVCM ARS 6B EVAP COOLER MEDIA | | | 93,962 | 24 | | | | | | 93,986 |
| | ARS5EXPTR EXPANSION JOINT REPLACEMENT | | | | | | | | 103,377 | | 103,377 |
| | ARS6BAVRR ARS 6B CT Generator AVR | | | | | | | 150,938 | | | 150,938 |
| | ARS6AAVRR ARS 6A CT Generator AVR | | | | | | | 150,938 | | | 150,938 |
| | ARS6AINHT ARS 6A Inlet Heating | 148,381 | 14,977 | | | | | | | | 163,357 |
| | ARS5IGNSY Replace US Boiler Ignition Sys | | | | 148,470 | 16,879 | | | | | 165,349 |
| | ARS5MSHGR Replace U5 Steam Line Hanger | | | | 126,203 | 39,463 | | | | | 165,666 |
| | FGCEMS168 FHG CEMS DAHS Upgrade SWEPco | 114,337 | 665 | 56,504 | | | | | | | 171,506 |
| | ARS6ROMEM Unit 6 RO Membranes | 29,607 | 6 | 4,731 | 52,793 | | | 86,250 | | | 173,387 |
| | ARS6BBAND BELLY BAND REPLACEMENT | 975 | | | 0 | | | | | 188,430 | 189,405 |

SOUTHWESTERN ELECTRIC POWER COMPANY
Fossil Capital Expenditures
Historical, Present and Projected

| Location | Project Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Grand Total |
|---------------------------------|--|------------------|------------------|-------------------|-------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| | ARS6MVALV PROVIDE PLATFORMS FOR MISC ARE | | | | 37,388 | | - | | 81,086 | 78,512 | 196,986 |
| | ARS6BCWPI Stall Circ Water Pump B | | 200,781 | | | | | | | | 200,781 |
| | ARS6SEX21 ARS 6S Exciter Upgrade | 260,860 | (57,808) | | | | | | | | 203,052 |
| | ARS6CTPTF ARS 6 Cooling Tower Platforms | 207,372 | | | | | | | | | 207,372 |
| | ARSUSANUN ANNUNCIATOR REPLACEMENT | | 200,451 | 9,636 | | | | | | | 210,087 |
| | ARS6ACTEJ ARS 6A Exhaust Expansion Joint | | | 60,377 | 5,926 | | | | 155,066 | | 221,369 |
| | ARS6BCTEJ ARS 6B Exhaust Expansion Joint | | | | 91,011 | | | | | 157,025 | 248,036 |
| | ARS5WATER ARSENAL HILL CITY WATER LINE | | | 69,510 | | | 178,614 | | | | 248,124 |
| | ARS5STMAJ STEAM TURBINE MAJOR - 5 | | 254,583 | 217 | | | | | | | 254,800 |
| | ARS6ABELV Replace elevator control sys | | | | | 264,177 | | | | | 264,177 |
| | ARS6BCTMD ARS 6B CT PROD MODIFICATIONS | 912 | | | 19,041 | | | | | 261,708 | 281,661 |
| | ARS5RISU ARS Capital Storeroom Issues | 4,814 | 26,616 | 33,682 | 23,756 | 17,312 | 35,003 | 37,820 | 53,027 | 52,342 | 284,372 |
| | ARS6ABAND BELLY BAND REPLACEMENT | | | 114,410 | 5,788 | | | | 184,122 | | 304,320 |
| | ARS5MVALV PROVIDE PLATFORMS FOR MISC ARE | 249,636 | 40,251 | | 25,533 | 2,238 | (2,969) | | 10,633 | 10,468 | 335,791 |
| | ARS6HVACR STALL AIR CONDITIONING UNIT | | | | 92,330 | 43,669 | 64,301 | 48,177 | 47,442 | 47,107 | 343,025 |
| | ARS6ACWPR CIRC WATER PUMP REPLACE | | | | 430,788 | 4,405 | | | | | 435,193 |
| | ARS6ACTMD ARS 6A CT PROD MODIFICATIONS | | | | 24,287 | | | | 258,141 | 157,025 | 439,453 |
| | ARS6TOOLC ARS6 TOOLS OVER 1K | 127,329 | 71,084 | 37,253 | 74,399 | 43,186 | 21,971 | 16,207 | 32,435 | 31,405 | 455,267 |
| | ARS6BCWPR CIRC WATR PUMP REPLACE Unit 6B | | | | 370,925 | 99,823 | | | | | 470,748 |
| | ARSOUTPPB ARS OUTAGE | 52,262 | | 3,834 | 129,199 | 41,112 | 60,266 | 54,370 | 52,201 | 104,683 | 497,927 |
| | ARS6HOIST ARS STALL UNIT MONORAILS | 3,483 | | | | 16,045 | 232,822 | 53,937 | 105,283 | 104,683 | 516,254 |
| | ARSU6HMIU Unit 6 HMI Interface Upgrade | | | | | | 235,851 | 399,569 | | | 635,420 |
| | ARSU6EDGN Stall Emergency Diesel Gen | 22,240 | 562,988 | 92,635 | 4,097 | | | | | | 681,960 |
| | ARS5CONDS Arsenal Hill #5 Condenser Tub | | | | 686,531 | 27,652 | | | | | 714,183 |
| | ARS6CTOUT CT INLET AIR FILTERS | 5,003 | 1,568 | 77,919 | 335,624 | 3,444 | 177,253 | | 155,208 | | 756,018 |
| | ARS6BSCR RR Stall U6B SCR Catalyst Replace | | | | 1,374 | 772,693 | (12,020) | | | | 762,047 |
| | ARS6ASCR RR Stall U6A SCR Catalyst Replace | | | | | 776,737 | (10,629) | | | | 766,108 |
| | NRX5WEPCO SWEPCO Plant NRX System Deploy | 319,805 | 296,628 | 228,233 | 23,285 | | | | | | 867,952 |
| | ARS6ABT3K Unit 6 Siemens HMI | | | | | 201,149 | 679,859 | | | | 881,008 |
| | ARS6BHREJ ARS 6B HRSG EXP JOINT | 47,856 | 11 | 71,618 | 171,544 | 75,547 | 120,775 | 108,566 | 156,513 | 157,025 | 909,454 |
| | ARS6AHREJ ARS 6A HRSG EXP JOINT | 93,380 | 11 | 204,984 | 66,158 | 72,749 | 120,775 | 108,566 | 156,513 | 157,025 | 980,161 |
| | ARSBAYOU1 Stall-Bayou Bank Stabilization | | | | 83,383 | 1,397,545 | | | | | 1,480,928 |
| | ARS6OUTCP Stall Outage Capital | 218,952 | 483,565 | 124,360 | 286,267 | 152,298 | 290,878 | 215,686 | 211,158 | 209,367 | 2,192,531 |
| | ARS6STMAJ STEAM TURBINE MAJOR - 6 | | | | | 2,267,397 | 140,895 | | | | 2,408,292 |
| | ARS6GSUSP STALL SPARE GSU / 6S & 6 AB | | | | | 980,845 | 2,711,990 | | | | 3,692,836 |
| | ARSCP6B15 STALL 6B LTSA CAPITAL 2015 | 4,463,562 | | | | | | | | | 4,463,562 |
| | ARSCP6A22 Stall 6A LTSA Capital 2022 | | | | | | | | 10,641,630 | | 10,641,630 |
| | ARSCP6B23 Stall 6B LTSA Capital 2023 | | | | | | | | | 11,096,433 | 11,096,433 |
| | ARSCP6A17 STALL 6A LTSA CAPITAL 2017 | | | 12,105,956 | 9,173 | | | | | | 12,115,128 |
| | ARSCP6B18 STALL 6B LTSA CAPITAL 2018 | | | | 12,761,176 | | | | | | 12,761,176 |
| Arsenal Hill Plant Total | | 6,449,139 | 2,290,894 | 13,421,039 | 16,170,469 | 7,563,772 | 4,968,452 | 1,437,298 | 12,480,334 | 12,813,238 | 77,594,635 |
| Dolet Hills Plant | DLHCI0023 DLH Environmental Controls | (1,134,724) | (470,100) | 96,886 | | | | | | | (1,507,937) |
| | DLHCI0035 DLH Blade Rpic L-0 and L-2 | (632,108) | | | | | | | | | (632,108) |
| | DLHCI0024 DLH Draft Equipment (ID Fans) | (359,895) | | | | | | | | | (359,895) |
| | DLHCI0038 DHPS Rewind Generator Stator | (318,997) | | | | | | | | | (318,997) |
| | DLHCI0036 Replace Gen Exciter Rotor | (36,243) | | | | | | | | | (36,243) |
| | DLHCI0039 DHPS Replace Ash Hopper Wall | (13,100) | | | | | | | | | (13,100) |
| | DLHCI0016 SAH Outlet Turning Vanes Duct | 102 | | | | | | | | | 102 |
| | DLHCI0003 FGD Duct Liners and Exp. Jts | 244 | | | | | | | | | 244 |
| | DLHCI0037 DHPS - Purchase Dozer D10T | 43,400 | | | | | | | | | 43,400 |

SOUTHWESTERN ELECTRIC POWER COMPANY
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| Location | Project Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Grand Total |
|--------------------------------|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| | DLHCI0040 Water Alkalizer System | 135,008 | | | | | | | | | 135,008 |
| | DLHCI0042 DH Rpl Boiler Duct, Insulation | | | 386,581 | (36,879) | 23,192 | 8,224 | | | | 381,118 |
| | DLHCI0044 Rpl Boiler Furnace Lwr Tubing | | | 827,977 | (76,699) | (170) | | | | | 751,108 |
| | DLHCI0022 Replace Lrg Reclaim Conveyors | 879,505 | (30,752) | | | | | | | | 848,754 |
| | DLHCI0043 DHPS-Upgrade Air Heaters | | | 1,107,967 | 60,596 | 2,585 | | | | | 1,171,148 |
| | DLHCI0034 DLH Switchgear Replc | 764,993 | 615,464 | 551,251 | (6,315) | | | | | | 1,925,393 |
| | DLHCI0027 DH CCR/ELG Compliance | | | | | | | | 2,727,736 | | 2,727,736 |
| | DLHCI0033 Construct New Landfill Cell | 401,804 | 144,945 | 78,905 | 73,337 | 61,286 | 19,790 | 2,454,202 | | | 3,234,270 |
| | WSX111023 Dolet Hills-Ppb Other Producti | 2,389,741 | 5,175,030 | 5,663,765 | 6,585,063 | 2,049,892 | 2,304,573 | 2,662,208 | 3,409,673 | 1,355,703 | 31,595,648 |
| Dolet Hills Plant Total | | 2,119,731 | 5,434,588 | 8,713,332 | 6,599,104 | 2,136,785 | 2,332,586 | 5,116,410 | 6,137,409 | 1,355,703 | 39,945,648 |
| Flint Creek Plant | FLCU10247 FLCU1 Generator Stator Rewind | | | | | | (879,153) | | | | (879,153) |
| | FLCU10292 Pulverizer Roll Wheel Assembly | (101,156) | | | | | | | | | (101,156) |
| | FLCU10237 Modify Plant Stormwater System | (56,086) | (35,297) | | | | | | | | (91,383) |
| | 000015910 FLC Clinker Grinder | (10,883) | | | | | | | | | (10,883) |
| | GENREB168 Generation Rebate Program | | | | (9,729) | 456 | | | | | (9,272) |
| | FLCU10336 Purchase HVAC for Navco | (848) | | | | | | | | | (848) |
| | FLCU10461 Upgrade Plant Radio System | | | 4,268 | (4,932) | | | | | | (664) |
| | FLCU10453 ID Fan Replacement Hub | | | (378) | | | | | | | (378) |
| | FLCU10174 Replace Lower AH Sootblower | (134) | | | | | | | | | (134) |
| | FLCU10278 Install New Bldg at Outfall | (17) | | | | | | | | | (17) |
| | FLCU10316 Replace Blr Lighting Dist Pan | 50 | | | | | | | | | 50 |
| | FLCU10279 Inst New Water Truck Fill Stat | 88 | | | | | | | | | 88 |
| | FLCU10487 Replace "B" Economizer Valve | | | | 946 | | | | | | 946 |
| | FLCU10341 ARF Rectifier Breaker Replace | 949 | | | | | | | | | 949 |
| | FLCU10520 DISCHARGE CHECK VALVE | | | | | 1,220 | | | | | 1,220 |
| | FLCU10167 Replace Ash Silo Unloading Val | 1,189 | 44 | | | | | | | | 1,233 |
| | FLCU10286 Purchase Shop Office Furniture | 2,837 | (1,258) | | | | | | | | 1,578 |
| | FLCU10490 REPLACE CLINKER GRINDER MOTOR | | | | 2,628 | | | | | | 2,628 |
| | FLCU10486 Primary BA Pond Oil Boom | | | | | 2,685 | | | | | 2,685 |
| | FLCU10347 REPLACE IKWL DUPLEX STRAINER | 2,732 | | | | | | | | | 2,732 |
| | FLCU10494 BUNKER DUST EXHAUST FAN MOTOR | | | | | 2,782 | | | | | 2,782 |
| | 000014436 FLC Heating Cooling System | 1,360 | 39 | 769 | 625 | | | | | | 2,793 |
| | FLCU10553 Replace Pinion Gear At Dumper | | | | | | 2,919 | | | | 2,919 |
| | SWE800MHZ 800 MHz BU Comm Equip | | | | | | | 3,137 | | | 3,137 |
| | FLCU10483 Purchase AC VFD for Maint Bldg | | | | 6,509 | (3,052) | | | | | 3,457 |
| | FLCU10433 Retainage Fee for A Switchgear | | 3,840 | | | | | | | | 3,840 |
| | FLCU10480 Lime DCS Compressor 7.5 Ton | | | | 3,827 | 61 | | | | | 3,888 |
| | FLCU10425 Replace "A" Ash Silo Aeration | | 3,994 | | | | | | | | 3,994 |
| | FLCU10452 Repl Pressure Switches Pinmix | | | 4,196 | | | | | | | 4,196 |
| | FLCU10456 Repl B Fly Ash Fluidizing Blow | | | 4,409 | | | | | | | 4,409 |
| | FLCU10457 Acoustic Cleaning of VFD | | | 4,429 | | | | | | | 4,429 |
| | FLCU10428 Structure for Des Smoking Area | | 4,485 | | | | | | | | 4,485 |
| | FLCU10261 Misc Valve Replacement | | | 3,327 | | | 1,182 | | | | 4,509 |
| | 000013122 FLC Extraction Steam Exp Jt | 4,632 | 1 | | | | | | | | 4,633 |
| | FLCU10362 REPLACE B ASH SILO AERATION BL | 4,726 | 83 | | | | | | | | 4,809 |
| | FLCU10528 Replace "B2" Flyash crossover | | | | | 4,876 | | | | | 4,876 |
| | FLCU10523 Replace 1CH1 Breaker | | | | | 4,880 | | | | | 4,880 |
| | FLCU10474 Replace Boiler Gate | | | | 5,081 | | | | | | 5,081 |
| | FLCU10497 Replace ISO Valves NID Cooler | | | | | 5,369 | | | | | 5,369 |
| | FLCU10531 REPL CONTROLS BUNKER DUST | | | | | 3,557 | 2,396 | | | | 5,953 |

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| Location | Project Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Grand Total |
|----------|--|--------|----------|----------|---------|--------|--------|--------|-------|--------|-------------|
| | FLCU10473 Purchase new electric UTV | | | 12,148 | (5,924) | | | | | | 6,224 |
| | FLCU10535 Pump Replacement | | | | | | 6,236 | | | | 6,236 |
| | FLCU10364 Purchase Boat for Dam Maint | 12,780 | (6,103) | | | | | | | | 6,678 |
| | FLCU10421 Replace HVAC at Coal Yard | | 6,885 | | | | | | | | 6,885 |
| | FLCU10365 Replace Air Dryer Compressor | 3,454 | | | 4,003 | | | | | | 7,457 |
| | FLCU10529 Replace J- Duct Exhauster | | | | | 3,524 | 3,966 | | | | 7,490 |
| | FLCU10546 DCS Controls Switch Upgrade | | | | | 7,679 | 11 | | | | 7,690 |
| | FLCU10489 MOTOR REWINDS | | | | (81) | 8,361 | (541) | | | | 7,739 |
| | FLCU10309 Demin Lift Station Piping Pump | 7,828 | | | | | | | | | 7,828 |
| | FLCU10488 Replace IKWL Rotating Pump Asm | | | | 8,116 | | | | | | 8,116 |
| | FLCU10460 Gentry Sewer upper House S Mtr | | | 8,729 | 211 | | | | | | 8,941 |
| | FLCU10389 Replace Mixed Bed Resins 2016 | 4,890 | 4,415 | | | | | | | | 9,305 |
| | FLCU10373 Purchase HACH SILICA ANALYZER | 9,396 | | | | | | | | | 9,396 |
| | FLCU10540 Repl "A" Lime Transport Blower | | | | | 7,514 | 1,896 | | | | 9,410 |
| | FLCU10372 Replace Lighting Panel 14 | 7,421 | 2,431 | | | | | | | | 9,852 |
| | FLCU10361 Diesel Fuel Storage Tank CY | 11,035 | 66 | | | | | | | | 11,101 |
| | FLCU10393 Purchase Milling Machine | 37,707 | (26,360) | | | | | | | | 11,347 |
| | FLCU10345 Bottom Ash Primary Discharge V | 11,871 | | | | | | | | | 11,871 |
| | FLCU10530 Purchase Motors Over 10H | | | | | 3,984 | 8,448 | | | | 12,432 |
| | FLCU10442 Replace Motor Pump City Lake | | | 2,647 | | 8,623 | 1,622 | | | | 12,892 |
| | FLCU10417 Yokogawa Probe and Analyzers | | 6,540 | | | 7,100 | | | | | 13,640 |
| | FLCU10424 NERC Compliance DDR Req. | | | | | | 239 | 16,059 | | | 16,298 |
| | FLCU10262 Baghouse Filters Ash Silo Bunk | | 16,631 | | | | | | | | 16,631 |
| | 000015651 FLC Sump Pit A&C Tunnel | | | | | 16,960 | | | | | 16,960 |
| | FLCU10451 Install Piezometers Landfill | | | 18,206 | | | | | | | 18,206 |
| | FLCU10426 Replace "B" LP Htr 36" iso val | | 20,248 | 4 | | | | | | | 20,252 |
| | FLCU10450 Replace Screen Wash Pump | | | 20,480 | | | | | | | 20,480 |
| | FLCU10418 Purchase 33 Gal Foam Fire Ext | | 20,804 | | | | | | | | 20,804 |
| | FLCU10246 New HVAC for Maint Bldg | | 42,308 | (21,248) | | | | | | | 21,060 |
| | FLCU10446 Replace Anion Resins | | | 22,193 | | | | | | | 22,193 |
| | FLCU10370 Purchase Fire Brigade Equipmen | 22,791 | (573) | | | | | | | | 22,217 |
| | FLCU10493 Replace Reheat Attemper Nozzle | | | | 13,652 | 10,017 | | | | | 23,669 |
| | FLCU10441 Purchase Lathe Machine Shop | | 41,605 | (16,120) | (879) | | | | | | 24,606 |
| | FLCU10330 Replace Misc BOP Valves | 5,181 | 2,307 | | 9,245 | 7,783 | 95 | | | | 24,611 |
| | FLCU10386 Purchase Heat Trace Panels | 43,678 | (16,328) | | | | | | | | 27,350 |
| | FLCU10477 Replace Plant Fire Pump | | | | 27,625 | | | | | | 27,625 |
| | FLCU10129 FLC CSP Pumps | | 28,578 | 335 | | | | | | | 28,913 |
| | FLCU10399 Purchase Plant Radios | | 30,106 | | | | | | | | 30,106 |
| | FLCU10410 Service Bldg Furniture Purch | | 60,749 | (29,846) | | | | | | | 30,903 |
| | FLCU10337 Replace GSU Coolant Pumps | 31,393 | | | | | | | | | 31,393 |
| | FLCU10548 CSP Pumps | | | | | | 31,821 | | | | 31,821 |
| | FLCU10415 ABB DCS Server for Disaster Re | | 34,744 | (2,210) | | | | | | | 32,533 |
| | FLCU10388 Inst Iso Valve On Attemp Spray | 22,195 | 12,005 | | | | | | | | 34,201 |
| | 000013728 FLC Coal Yard Cap Projects | (563) | | | 34,840 | 17 | | | | | 34,293 |
| | FLCU10521 Replace Bags in Ash Silo Bagho | | | | | 11,295 | 5,358 | 8,091 | 7,897 | 7,851 | 40,492 |
| | FLCU10414 1A 4160v/480v Aux Transformer | | 41,242 | | | | | | | | 41,242 |
| | FLCU10444 Construct Bldg at Eagle Watch | | 81,217 | (39,940) | | | | | | | 41,277 |
| | FLCU10423 Pulverizer Gearbox Replacement | | | | | | | | | 41,873 | 41,873 |
| | FLCU10391 Replace D10 Dozer Engine | 94,258 | (46,431) | | | | | | | | 47,827 |
| | FLCU10353 CCR Install Monitoring Wells | 8,390 | 59,281 | (18,463) | | | | | | | 49,208 |

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| Location | Project Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Grand Total |
|----------|---|----------|----------|-----------|----------|---------|--------|---------|--------|--------|-------------|
| | FLCU10475 Unit Aux Tfrmr B Bushing Replac | | | | 50,673 | | | | | | 50,673 |
| | FLCU10396 Sootblower PLC Controls | | | | | | | | 52,714 | | 52,714 |
| | FLCU10369 Install IKWL Sootblower Pump | 25,702 | 28,413 | | | | | | | | 54,114 |
| | FLCU10294 Replace Bottom Ash Slide Gate | 63,423 | (7,977) | | | | | | | | 55,446 |
| | FLCU10519 CH 1C Main Feed to Dumper | | | | | 57,798 | | | | | 57,798 |
| | FLCU10476 Replace C PA Duct Exp Jt | | | | 58,177 | | | | | | 58,177 |
| | 000013169 FLC Small Tools Coal Yard | 16,015 | 1,252 | 6,013 | 6,504 | 7,320 | 9,554 | 5,434 | 5,225 | 5,234 | 62,549 |
| | FLCU10318 Replace Cathodic Protection Sy | 68,102 | (405) | | | | | | | | 67,697 |
| | FLCU10057 FLC Hydr Piping Dust Suppres | 70,027 | 1,286 | | | | | | | | 71,313 |
| | FLCU10067 FLC TDBFP Element Install | | 73,067 | | | | | | | | 73,067 |
| | FLCU10482 Rep Ik Sootblower 54 12 & 4 | | | | 65,434 | 15,514 | | | | | 80,948 |
| | FLCU10379 Install Bag House BD Damper | 31,746 | 52,577 | | | | | | | | 84,323 |
| | FLCU10471 Inst Stck Feeder Controls VFD | | | 43,145 | 41,321 | | | | | | 84,466 |
| | FLCU10463 Crowder Family Land Purchase | | | 152,691 | (68,905) | 989 | 804 | | | | 85,579 |
| | FLCU10357 CO2 Tank Replacement | 92,983 | (4,125) | | | | | | | | 88,858 |
| | FLCU10427 Install a 510' Road to Pond | | 88,458 | 817 | | | | | | | 89,275 |
| | FLCU10385 Purchase 8 Smart Boards | 45,354 | | (35,216) | | | | | | | 95,031 |
| | FLCU10363 Replace Stack Lighting | 161,205 | (65,018) | | | | | | | | 96,187 |
| | FLCU10289 Replace Inlet Heater Valve | 96,246 | | | | | | | | | 96,246 |
| | FLCU10307 Deaerator Condensate Spray Hdr | 100,088 | | | | | | | | | 100,088 |
| | FLCU10485 Replace NID Recycle Rotary Fee | | | | 70,221 | 30,257 | | | | | 100,477 |
| | FLCU10378 Replace FD Inlet Dampers | 71,265 | 31,563 | | | | | | | | 102,828 |
| | FLCU10366 Replace IKWL Piping | 37,548 | 67,329 | | | | | | | | 104,878 |
| | FLCU10435 Replace Turbine Crane Controls | | 184,922 | (77,271) | | | | | | | 107,651 |
| | FLCU10346 A GSU Low Phase Bushings | 109,087 | | | | | | | | | 109,087 |
| | FLCU10481 HU Diff Relay Replacement | | | | 41,504 | 67,399 | 9,631 | | | | 118,534 |
| | FLCU10510 Capital Safety Improvements | | | | | | 41,383 | 27,069 | 26,452 | 26,171 | 121,075 |
| | FLCU10538 C GSU Cooling Pumps and Valves | | | | | 118,547 | 3,421 | | | | 121,968 |
| | FLCU10245 Pump Replacement | 11,828 | 32,003 | | 27,673 | 49,592 | 5,786 | | | | 126,883 |
| | FLCU10551 Install New ABB Servers & Soft | | | | | | | 134,767 | | | 134,767 |
| | FLCU10382 Replace Pulv Roll Wheels | 224,833 | (88,703) | | | | | | | | 136,129 |
| | 000016493 FLC B Pulverizer Gearbox | | 137,463 | | | | | | | | 137,463 |
| | FLCU10443 Repl A Pulv Roll Wheel Assembl | | 243,845 | (96,359) | (37) | | | | | | 147,449 |
| | FLCU10491 Replace Demin Work Stations | | | | 19,771 | 128,078 | | | | | 147,848 |
| | FLCU10445 NDE COLD REHEAT STEAM LINE INS | | | 149,237 | | | | | | | 149,237 |
| | FC001LFEX Flint Creek LF Lateral Exp | 41,829 | 93,135 | 18,221 | 1,625 | 1,462 | 1,483 | | | | 157,754 |
| | 000013708 FLC Install New Platform | (11,989) | 246,061 | (116,738) | | 36,032 | 9,334 | | | | 162,700 |
| | FLCU10534 Pulv Swing Gate Switch and Sol | | | | | 168,214 | 27,036 | | | | 195,251 |
| | FLCU10200 Storm Water Run Off Pond | | 374,850 | (178,837) | | | | | | | 196,013 |
| | FLCFGDFAN ID Fan Labor | | | | | 131,452 | | 67,564 | | | 199,016 |
| | FLCFGD804 Expansion Joint Replacements | | | | | | 42,646 | 54,052 | 52,304 | 52,342 | 201,344 |
| | FLCCAPLBR Flint Creek Capital Labor | | | | | | 52,475 | 50,665 | 50,015 | 51,129 | 204,284 |
| | FLCU10383 Rebuild E Pulverizer | 186,071 | 18,635 | | | | | | | | 204,706 |
| | FLCU10449 Motor Driven Feed Pump Element | | | 186,848 | 38,709 | | | | | | 225,558 |
| | 000013666 FLC Instrumentation Upgrades | 28,333 | 30,216 | 18,016 | 15,875 | 66,040 | 22,082 | 16,294 | 15,612 | 15,703 | 228,171 |
| | FLCU10469 Replace C Pulv Rotating Seg | | | 146,604 | (1,070) | 82,891 | 1,159 | | | | 229,585 |
| | FLCU10384 Replace B GSU Pump and Bearing | 137,421 | 93,681 | | | | | | | | 231,102 |
| | 000013017 FLC Expansion Joint Replace | 23,906 | 89,481 | 78,237 | (1,038) | 1,800 | 42,647 | | | | 235,033 |
| | FLCU10472 PULV REPLACE ROLL WHEEL ASSE | | | 224,432 | (96,340) | 113,468 | 16,048 | | | | 257,608 |
| | FLCU10340 Repl IK Sootblower | 181,154 | 93,192 | | | | | | | | 274,346 |

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| Location | Project Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Grand Total |
|--------------------------------|--|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| | FLCU10321 Mill Auto Fogging and Swirl | | 308,420 | | | | | | | | 308,420 |
| | FLCU10454 Replace Generator Bushings & C | | | 226,301 | 86,305 | 9,666 | | | | | 322,272 |
| | FLCU10284 Pulverizer Inerting System | 186 | 325,661 | (9) | | | | | | | 325,838 |
| | FLCU10406 Pulv Roll Wheel Assembly | | | | | | | 117,186 | 109,898 | 104,683 | 331,767 |
| | FLCU10025 FLC Dumper PLC Upgrade | | | 85,784 | 227,959 | 42,499 | | | | | 356,242 |
| | 000013705 FLC Small Tools Misc | 44,862 | 66,913 | 29,982 | 91,409 | 153,625 | 32,255 | 5,434 | 5,225 | 5,234 | 434,939 |
| | FLCU10458 Repl Tripper & Coal Belt Contr | | | 219,177 | 180,262 | 37,941 | | | | | 437,379 |
| | FLCU10371 Install Construction Elevator | 204,285 | 253,388 | (1,002) | | | | | | | 456,672 |
| | 000013154 FLC Replace Conveyor Belts | 149,855 | (55,555) | | 52,690 | 103,379 | 132,543 | | 78,256 | | 461,168 |
| | FLCU10156 FLC U1C 4-kV Switchgear Repl | | 201,035 | 507,679 | | | (150) | | | | 708,564 |
| | FLCU10157 FLC 4KV CH1A1B Switchgear Rpl | | | 372,185 | 401,418 | 172 | | | | | 773,774 |
| | FLC090004 Replace Turbine Blade Rows | | | 144,713 | 653,190 | | | | | | 797,903 |
| | FLCU10154 Replace 5KV A Switchgear | 1,034,721 | (32,934) | | | | | | | | 1,001,787 |
| | FLCU10466 NID Bag Replacements | | | | | | | | 1,156,511 | | 1,156,511 |
| | FLCSTATOR FLC Spare Stator Bars | | | | | 1,282,582 | 32,880 | | | | 1,315,462 |
| | FLCU10420 Replace Capacitor Bank Swgear | | | | | 201,402 | 1,186,668 | | | | 1,388,070 |
| | FLCU10155 FLC U1B 4-kV Switchgear Repl | | 268,397 | 560,160 | 739,373 | | | | | | 1,567,930 |
| | FLCTBCTRL FLC Turbine Controls Upgrade | 311,203 | 1,476,379 | 53,036 | | | | | | | 1,840,619 |
| | FCLEACHAT FC Landfill Leachate Treatment | 181,483 | 3,495,200 | (1,490,167) | | | | | | | 2,186,515 |
| | FLCU10111 FLC Purchase Spare GSU | 2,384,044 | 37,134 | | | | | | | | 2,421,178 |
| | FC001LNDF Flint Creek FGD LandFill | 5,177,644 | (1,042,768) | 1,458,514 | 206 | | | | | | 5,593,597 |
| | 000021701 FC U1 NOx Mods | | 317,713 | 4,985,815 | 3,217,080 | (10,504) | | | | | 8,510,103 |
| | 000020379 FLC U1 DBA Conver (CCR/ELG) | | 578,487 | 168,871 | 124,839 | 149,413 | 1,808,523 | 4,963,425 | 4,412,809 | 1,928,438 | 14,134,806 |
| | FC001FGD0 FC U1 DFGD w/ FF | 69,551,149 | 30,786,895 | 315,912 | (4,959) | | | | | | 100,648,997 |
| Flint Creek Plant Total | | 81,034,752 | 39,276,754 | 8,134,728 | 6,135,633 | 3,162,718 | 2,664,704 | 5,469,177 | 5,972,918 | 2,238,658 | 154,090,042 |
| Knox Lee Plant | KXL5CB004 KXL U5 Blr Out Duct Expn Joint | (92) | | | | | | | | | (92) |
| | KXL5CM005 KXL U5 Gas Valve Upgrade | 10,789 | 263 | (7,879) | (2,863) | (260) | | | | | 50 |
| | KXL0CM018 KXL U0 Replace Discharge Wall | | 192 | (1) | | | | | | | 191 |
| | KXL3CV002 KXL U3 SW Piping | | 11,612 | (23,203) | 13,030 | | | | | | 1,439 |
| | KXL0CM016 KXL U0 IH Replace Respirator | | | | | | 1,695 | | | | 1,695 |
| | KXL0CM009 KXL U0 Security Camera Upgrade | 1,308 | 1,511 | | | | | | | | 2,819 |
| | KXL4CM002 KXL U4 Gas Valve Upgrade | 3,884 | | | | | | | | | 3,884 |
| | KXL0CM020 KXL U0 New Storeroom Offices | | 4,953 | 3 | | | | | | | 4,957 |
| | SWE800MHZ 800 MHz BU Comm Equip | | | | | | | 6,274 | | | 6,274 |
| | KXL5CT002 KXL U5 TO Cooler Valves | | | | | | 7,145 | | | | 7,145 |
| | KXL5CM021 KXL 5 USED Oil Storage Tank | | | | | 2,781 | 6,097 | | | | 8,879 |
| | KXL5CE007 KXL5 U5 RELAY | | | | | 4,144 | 4,811 | | | | 8,956 |
| | KXL0CM004 KXL U0 Main StoreRoom HVAC | | 13,349 | | | | | | | | 13,349 |
| | KXL5CW002 KXL U5 Boiler Silica Analyzer | | | | | 14,641 | 243 | | | | 14,884 |
| | KXL0CW002 KXL U0 2nd Pass RO Membranes | | | | | | | | | 20,937 | 20,937 |
| | KXL5CM011 KXL U5 Fuel Oil Nozzle Sets | 31,505 | 1,375 | | | | | | | | 32,881 |
| | KXL0CM027 KXL Replace CEMS Data Logger | | | 35,977 | | | | | | | 35,977 |
| | KXL3CM002 KXL U3 Expansion Joint Replace | 28,158 | 7,987 | 6 | | | | | | | 36,151 |
| | KXL5CD004 KXL U5 PLC Breaker Controls | | | | | | 42,867 | | | | 42,867 |
| | KXL5CE005 KXL U5 4KV Breaker Replacement | | | | | | | 43,316 | | | 43,316 |
| | KXL0CM015 KXL U0 Building Modification | 47,125 | 33 | | | | | | | | 47,158 |
| | KXL2CM001 KXL U2 Hydrogen Control Panel | 59,154 | | | | | | | | | 59,154 |
| | KXL2CM005 KXL U2 HEP Replace Insulation | | | | 65,468 | | | | | | 65,468 |
| | KXL5CW001 KXL U5 Service Water Pump | | | | 22,854 | 42,775 | 303 | | | | 65,932 |
| | KXL2CB002 KXL U2 Boiler Safety Valves | 62,966 | 5,595 | | | | | | | | 68,562 |

SOUTHWESTERN ELECTRIC POWER COMPANY
Fossil Capital Expenditures
Historical, Present and Projected

| Location | Project Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Grand Total |
|----------|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| | KXL3CM005 KXL U3 HEP Replace Insulation | | | | 69,401 | | | | | | 69,401 |
| | KXL2CM002 KXL U2 Expansion Joint Repair | 69,802 | 650 | | | | | | | | 70,452 |
| | SWE168VAR SWEPCO Volt/VAR Compliance | | | 79,236 | 7,662 | | | | | | 86,897 |
| | KXL3CB002 KXL U3 Boiler Safety Valves | 63,088 | 13,433 | 5,506 | 5,766 | | | | | | 87,793 |
| | SWE168RTU SWEPCO Gen RTU Upgrade | | | 40,732 | 42,461 | 8,125 | | | | | 91,318 |
| | KXL5CD009 KXL5 AMMONIA INJECTION SYSTEM | | | | | 17,631 | 74,933 | | | | 92,564 |
| | KXL5CM013 KXL U5 Replace B Vacuum Pump | | 76,553 | 21,174 | | | | | | | 97,727 |
| | KXL2CB004 KXL U2 Attemperator Bundle | | | 98,232 | | | | | | | 98,232 |
| | KXL5CG002 KXL U5 Emergency Generator Set | | 82,304 | 31,216 | | | | | | | 113,520 |
| | KXL0CW007 Replace Chlorinator Skid | | | | | 57,339 | 59,574 | | | | 116,913 |
| | KXL5CT005 KXL U5 TO Cooler Retube | | | 119,108 | | | | | | | 119,108 |
| | KXL5CM007 KXL U5 Fuel Oil Conversion | 120,495 | 98 | (54) | | | | | | | 120,540 |
| | KXL5CB010 KXL U5 Replace Air Compressor | | | | | 98,479 | 24,325 | | | | 122,804 |
| | KXL5CT006 KXL U5 Turbine Packing | | | 128,392 | | | | | | | 128,392 |
| | KXL5CR002 KXL U5 HRH Pipe Insulation | 129,891 | | | | | | | | | 129,891 |
| | KXL0CM011 KXL U0 Gas Control House | 131,206 | | | | | | | | | 131,206 |
| | KXL5CE003 KXL U5 NERC Relays Replacement | | | | 118,315 | 14,904 | 164 | | | | 133,383 |
| | KXL0CW008 KXL U0 Reverse Osmosis System | 3,863 | | 10,875 | 3,074 | 96,442 | 28,947 | | | | 143,202 |
| | KXL4CB003 KXL U4 BFP Rotor Replacement | | 148,731 | 8,070 | | | | | | | 156,801 |
| | KXL5CM008 KXL U5 FD Fan Inlet Vanes | 86,337 | 79,085 | | | | | | | | 165,422 |
| | KXL5CM019 U5 Discharge Canal Structure | | | | | | 173,341 | | | | 173,341 |
| | KXL5CG004 Replace Generator Leads U5 | | | | | 165,130 | 11,795 | | | | 176,925 |
| | KXL5CH002 KXL U5 Air Heater Seals Rpl | | | | | 173,767 | 16,352 | | | | 190,119 |
| | KXL5CM014 KXL U5 TDL Laser Analyzer | | | | | 176,301 | 20,860 | | | | 197,161 |
| | KXL5CM012 KXL U5 Diode Bridge Upgrade | | | 202,996 | | | | | | | 202,996 |
| | KXL0CM002 KXL U0 Roof Replacement | 93,086 | 12,498 | | | | | 27,554 | | 78,512 | 211,649 |
| | KXL5CE006 KXL U5 Battery Change Out | | | | | | | 109,982 | | 104,683 | 214,665 |
| | SWEGASMET SWEPCO Gas Meter Upgrades | 204,624 | 29,959 | | | | | | | | 234,583 |
| | KXL0CV002 KXL U0 SW PIPING | | | 227,853 | 12,173 | | | | | | 240,026 |
| | KXL0CM006 KXL U0 Replace Oil Booms | | 6,604 | 106,685 | 8,506 | 512 | 57,914 | 21,563 | 20,869 | 20,937 | 243,590 |
| | KXL5CV003 KXL U5 SW Strainer | | | 107,387 | 154,055 | | | | | | 261,442 |
| | KXLU5CFWH KXL U5 C FWH RETUBE | | 1,052 | 263,084 | | | | | | | 264,135 |
| | KXL5CH003 KXL U5 B FWH Retube | 30 | 271,989 | | | | | | | | 272,019 |
| | KXL5CB009 KXL U5 Boiler Lighting | | | | 174,823 | 105,079 | | | | | 279,902 |
| | KXL0CM023 KXL Storeroom Driveway | | 299,225 | 547 | | | | | | | 299,772 |
| | KXL5CM020 U5 Gas Line Replacement | | | | | | 302,669 | | | | 302,669 |
| | KXL5CV004 KXL U5 SW Piping | | | | | 100,410 | 205,194 | | | | 305,604 |
| | KXL5CD002 KXL U5 PLC PC Work Stations | 296,510 | 9,151 | | | | | | | | 305,661 |
| | KXL5CB003 KXL U5 Boiler Gas Header Vlvs | | | | | 265,937 | 39,818 | | | | 305,754 |
| | KXL5CH001 KXL U5 E FWH Retube | 134 | 313,224 | | | | | | | | 313,358 |
| | KXL5CM004 KXL U5 Expansion Joint Upgrade | | | | 140,160 | 94,255 | 3,024 | | | 83,747 | 321,186 |
| | FHNERC168 FHG NERC PPB SWEPCO | 203,362 | 85,009 | 23,169 | 17,867 | 3,269 | | | | | 332,676 |
| | KXL0CU001 KXL U0 Motor Rewind | | 58,860 | 25,800 | 8,044 | | 88,444 | 27,554 | 52,470 | 78,512 | 339,684 |
| | KXL5CD008 KXL U5 Annunciator Controls | | | | 327,024 | 18,660 | 35 | | | | 345,720 |
| | KXL0CM003 KXL U0 Lab Expansion | | 151,994 | 210,593 | 5,097 | (100) | | | | | 367,584 |
| | KXL5CH004 KXL U5 FWH Control System | 59,198 | 312,305 | | | | | | | | 371,502 |
| | KXL5CM018 KXL U5 Windbox Expansion Joint | | | | | | | 193,995 | 185,424 | | 379,419 |
| | KXL5CI003 KXL U5 C CWP Upgrade | | | | 358,360 | 22,586 | | | | | 380,946 |
| | KXL5CT007 KXL U5 Turbine CX Bellows | | | | 423,970 | | | | | | 423,970 |
| | KXL0CM028 KXL U0 Cathodic Protection | | | | 488,125 | 7,446 | | | | | 495,571 |

SOUTHWESTERN ELECTRIC POWER COMPANY
Fossil Capital Expenditures
Historical, Present and Projected

| Location | Project Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Grand Total |
|-----------------------------|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------|-------------------|
| | KXL5CB006 KXL U5 Boiler Safety Valves | 140,747 | 3,754 | | | | | | | | 647,985 |
| | KXL0CM001 Small Tools and Misc Equipment | 268,465 | 98,947 | 93,228 | 81,064 | 160,643 | (26,005) | 27,409 | 26,328 | 26,171 | 756,250 |
| | IT1681321 Regulated RTU Project - SWEPCO | 784,161 | 15,399 | 498 | | | | | | | 800,058 |
| | KXL5GSUBM KXL U5 GSU Bus Metering | | | | | | | 862,988 | | | 862,988 |
| | KXL0CM025 KXL U0 Admin Offices | | | | | 687,082 | 155,550 | 135,935 | 131,732 | 130,854 | 1,241,153 |
| | KXL5CT001 KXL U5 Turbine Bucket Rep | | | 1,400,376 | | | | | | | 1,400,376 |
| | ARCFLA168 Arc Flash Protectn Swi SWEPCO | 1,316,767 | 541,591 | 19,041 | 822 | 1,134 | | | | | 1,879,354 |
| | NRCPSPWPCO NERC CIP SWEPCO | | 10,310 | 944,669 | 1,250,100 | 15,393 | | | | | 2,220,471 |
| | KXL5CD007 KXL U5 Control Sys Replacement | | | | | | | 1,096,360 | 1,266,544 | | 2,362,904 |
| Knox Lee Plant Total | | 4,216,563 | 2,669,595 | 4,173,315 | 3,795,357 | 2,354,507 | 1,444,547 | 2,686,956 | 1,892,672 | 560,055 | 23,793,567 |
| Lieberman Plant | LBM14C001 PPB Combined | (47) | | | | | | | | | (47) |
| | LBM0CM100 U0 Administration Building | | 15,403 | (15,403) | | | | | | | (0) |
| | LBM2CB101 U2 Air Flow | | 289 | (289) | | | | | | | (0) |
| | LBM14C003 O2 ANALYZER | 786 | | | | | | | | | 786 |
| | LBM3CV100 U3 B-Service Water Check Valve | | 2,169 | | | | | | | | 2,169 |
| | LBM2CFDFN U2 FD Fan Bearing System | | | | 3,239 | | | | | | 3,239 |
| | SWE800MHZ 800 MHz BU Comm Equip | | | | | | | 6,274 | | | 6,274 |
| | LBM4CPUMP U4 Boiler Chemical Pump | | | | 7,002 | | | | | | 7,002 |
| | LBM16C002 U0 REPLACE WATER TREATMENT SYS | | 7,421 | 129 | | | | | | | 7,550 |
| | LBM0CG202 Water Treatment Building | | | | | | 9,127 | | | | 9,127 |
| | LBM2CT101 U2 Emergency Seal Oil Pump | | 9,279 | 1,395 | | | | | | | 10,674 |
| | LBM2CT100 U2 Replace Bearing Oil Pump | | 9,437 | 1,308 | | | | | | | 10,745 |
| | LBM0CM102 U0 Engine Powered Welding Mach | | 10,997 | | | | | | | | 10,997 |
| | LBM0CGATE Entrance Gate Replacement | | | | | 12,942 | | | | | 12,942 |
| | LBM4CB106 U4 New Natural Gas Press Instr | | | 13,593 | | | | | | | 13,593 |
| | LBM2CB100 U2 Main Steam Stop Valve | | 9,218 | 4,645 | | | | | | | 13,863 |
| | LBM4CG101 U4 Seal Oil Cooler | | 16,621 | | | | | | | | 16,621 |
| | LBM2CV100 U2 Service Water Pump | | 18,629 | 373 | | | | | | | 19,002 |
| | LBM0CM106 U0 Purchase New Scissor Lift | | 20,512 | 128 | | | | | | | 20,640 |
| | LBM3CB106 U3 New Natural Gas Press Instr | | | 21,913 | | | | | | | 21,913 |
| | LBM3CPUMP U3 Boiler Chemical Pump | | | | 12,170 | 10,584 | | | | | 22,754 |
| | LBM16C005 CAP OUTAGE COMBINED | 22,984 | | | | | | | | | 22,984 |
| | LBM0CT201 Lighting Transformer | | | | | 23,212 | 1,440 | | | | 24,652 |
| | LBM0CS100 U0 Safety Equipment | | 26,924 | 284 | | | | | | | 27,207 |
| | LBM4CFRBL U4 New Fresh Blower | | | 10,409 | 16,877 | 590 | | | | | 27,875 |
| | LBM0CTTRAN Replacement of Transmitters | | | | 24,780 | 6,635 | | | | | 31,415 |
| | LBMSELREL U3 & U4 SEL relay | | | 17,078 | 17,861 | (179) | | | | | 34,760 |
| | LBM0CSIGN Double Sided Ground Sign | | | 18,979 | 19,791 | 294 | | | | | 39,063 |
| | LBM0CB00M Oil Booms | | | | 39,577 | 1,897 | | | | | 41,475 |
| | LBM3CE100 U3 BREAKER REPLACEMENT | | | | | | 48,528 | | | | 48,528 |
| | LBM0CELEV Complete Elevator Replacement | | | 32,011 | 18,836 | | | | | | 50,848 |
| | LBM1CE100 U0 Change-Out Station Battery | | | | | | | 54,208 | | | 54,208 |
| | LBM2CK100 U2 Feedwater Replacement | | 61,640 | 1,023 | | | | | | | 62,663 |
| | LBM15C002 U3 Main Steam Stop Valve | | 65,726 | 8,028 | | | | | | | 73,754 |
| | LBM4CF100 U4 Spray Valve Replacement | | 70,721 | 5,696 | | | | | | | 76,416 |
| | LBM0CT100 U0 Oil Purifier | | 77,929 | | | | | | | | 77,929 |
| | LBM15C003 O2 ANALYZER | 52,386 | 26,184 | | | | | | | | 78,570 |
| | LBM4CE100 U4 BREAKER REPLACEMENT | | | | | | 91,166 | | | | 91,166 |
| | LBM16C001 PPB COMBINED | | 70,034 | 29,777 | 1,506 | | | | | | 101,318 |
| | LBM0CSHOP Shop Refurbishment | | | | 103,037 | 531 | | | | | 103,567 |

SOUTHWESTERN ELECTRIC POWER COMPANY
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Historical, Present and Projected

| Location | Project Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Grand Total |
|------------------------------|--|----------------|------------------|------------------|------------------|------------------|----------------|----------------|----------------|----------------|------------------|
| | LBM4CF101 U4 RETUBE D FEEDWATER HEATER | | | 107,423 | | | | | | | 107,423 |
| | LBM3CF100 U3 Spray Valve Replacement | | 98,143 | 9,699 | | | | | | | 107,842 |
| | LBM0CG100 New Hydrogen System | | 88,689 | 21,996 | | | | | | | 110,685 |
| | LBM3CTVAL U3 Governor Valve Replacement | | | | 126,208 | 604 | | | | | 126,812 |
| | LBM4CH101 U4 Heater Control System | | 813 | 120,607 | 9,161 | 147 | | | | | 130,728 |
| | LBM0CI101 U0 Bleach System | | 12,884 | 75,168 | 46,429 | 974 | | | | | 135,455 |
| | LBM0CCTFL Comp Turbine Floor Lighting | | | 19,108 | 33,551 | 64,734 | 30,633 | | | | 148,026 |
| | LBM15C001 PPB COMBINED | 132,772 | 40,319 | 1,034 | | | | | | | 174,125 |
| | LBM15C005 Cap Outage Combined | 171,547 | 5,614 | | | | | | | | 177,161 |
| | LBM0CEXJO Boiler Outlet Expansion Joints | | | | 176,801 | 846 | | | | | 177,647 |
| | LBM4CPIRB U4 Pilot Igniter Rebuild | | | | 134,650 | 58,531 | | | | | 193,181 |
| | LBM3CF101 U3 RETUBE D FEEDWATER HEATER | | 172,718 | 21,701 | | | | | | | 194,419 |
| | LBM0CM104 U0 Small Tools & MiscEquipment | | 3,479 | 45,449 | 52,814 | 14,642 | 49,530 | 10,814 | 10,641 | 10,468 | 197,837 |
| | LBM3CH101 U3 Heater Control System | | 182,618 | 14,368 | 9,161 | 147 | | | | | 206,294 |
| | LBM3CPIRB U3 Pilot Igniter Rebuild | | | | 97,137 | 142,419 | | | | | 239,556 |
| | LBM3CB102 U3 High Energy Piping Hangers | | | 253,114 | | | | | | | 253,114 |
| | LBM4CHTWL Upgrading Hot Well Controls | | | 22,083 | 249,237 | 8,452 | | | | | 279,773 |
| | LBM0CALARM Alarm System | | | | 268,188 | 27,673 | | | | | 295,861 |
| | LBM0CT200 Replacement of Transformer | | | | | 329,229 | 755 | | | | 329,984 |
| | LBM0CPPBX PPB COMBINED | | | 35,661 | 20,901 | 22 | 148,963 | 81,146 | 79,453 | 78,512 | 444,658 |
| | LBM0CCOOL Turbine Lube Oil Cooler | | | | | 289,906 | 222,817 | | | | 512,723 |
| | LBM0CN100 U0 CATHODIC PROTECTION | | | | 593,371 | 57,977 | | | | | 651,348 |
| | LBM10C008 Lieberman U4 Retube Condenser | | 8,806 | 648,048 | | | | | | | 656,853 |
| | LBM0CM101 U0 Valve Replacement/Upgrades | | | 1,569 | 62,656 | 254,096 | 282,821 | | 105,082 | 52,342 | 758,565 |
| Lieberman Plant Total | | 380,427 | 1,133,216 | 1,548,102 | 2,144,941 | 1,306,903 | 885,781 | 152,442 | 195,176 | 141,322 | 7,888,310 |
| Lone Star Plant | LNSC00019 LNS CATHODIC PROT NAT GAS LINE | | (462) | 462 | | | | | | | 0 |
| | LNSC00013 U1 REWIND B CWP MOTOR | 1,514 | | | | | | | | | 1,514 |
| | LNSC00022 U0 REPLACE GASLINE COMPONENTS | | 7,614 | 115 | 1,492 | 765 | | | | | 9,987 |
| | LNSC00025 U1 CEMS DATA CONTROLLER REPL | | | 17,741 | 374 | | | | | | 18,115 |
| | LNSC00018 U1 REPLACE CENTRIFUGE | 17,432 | 7,515 | 91 | | | | | | | 25,038 |
| | LNSC00017 REPLACE MAIN STEAM SAFETY VLV | 15,050 | 13,686 | (3,691) | | | | | | | 25,045 |
| | LNSC00021 REPLACE ROOF, OFICE, CEMS, PRT | | 45,369 | 19 | | | | | | | 45,388 |
| | LNSC00009 BOILER DUCT EXPANSION JOINTS | | 48,470 | (949) | | | | | | | 47,521 |
| | LNSC00023 REPLACE GSU LV BUSHINGS | | | 48,846 | | | | | | | 48,846 |
| | LNSC00014 LNS FD FAN SHAFT | 50,215 | | | | | | | | | 50,215 |
| | LNSC00015 B CONDENSATE PUMP REPLACEMENT | 65,091 | | | | | | | | | 65,091 |
| | LNS000611 Capital PPB - Misc Project | 22,678 | 44,246 | 28,835 | 15,298 | (46,630) | 816 | | | | 65,242 |
| | LNSC12014 U1 B CWP REPLACEMENT | 232,359 | | | | | | | | | 232,359 |
| Lone Star Plant Total | | 404,337 | 166,437 | 91,469 | 17,165 | (45,865) | 816 | | | | 634,360 |
| Mattison Plant | HDMU10004 Instrumentation Replacements | 9 | | | | | | | | | 9 |
| | HDMU00034 Arc Flash Kits PPE Equipment | 11 | | | | | | | | | 11 |
| | HDMU00036 Purchase Equipment for Kitchen | 273 | | | | | | | | | 273 |
| | HDMU20005 Instrumentation Replacements | | 1,361 | 16 | | | | | | | 1,377 |
| | HDMU00055 Purchase Datamax Printer | | 1,725 | | | | | | | | 1,725 |
| | HDMU00035 Purchase 5 Complete Set Tools | 1,835 | | | | | | | | | 1,835 |
| | HDMU00056 Purchase Battery Charger | | 2,039 | | | | | | | | 2,039 |
| | HDMU00048 HVAC for Bard Unit | 3,749 | | | | | | | | | 3,749 |
| | HDMU00037 Service Building Improvements | 3,824 | | | | | | | | | 3,824 |
| | HDMU00058 Portable Vibration Detection | | | 5,864 | | | | | | | 5,864 |
| | HDMU00049 Purchase Nat Gas Detector | 5,998 | 69 | | | | | | | | 6,067 |

SOUTHWESTERN ELECTRIC POWER COMPANY
Fossil Capital Expenditures
Historical, Present and Projected

| Location | Project Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Grand Total |
|-----------------------------|--|----------------|---------------|----------------|----------------|------------------|----------------|----------------|----------------|----------------|------------------|
| | SWE800MHZ 800 MHz BU Comm Equip | | | | | | | 6,274 | | | 6,274 |
| | HDMU00052 Purchase Smart Boards | | 6,926 | 81 | | | | | | | 7,007 |
| | HDMU40004 Instrumentation Replacements | 42 | | 9,612 | | | | | | | 9,654 |
| | HDMU00002 HDM Small Tools | 6,685 | | | | 3,545 | | | | | 10,230 |
| | HDMU00022 Instrumentation Replacements | | 1,265 | 3,874 | 6,482 | | | | | | 11,621 |
| | HDMU40010 Purchase Battery Chagr PEEC | 11,936 | | | | | | | | | 11,936 |
| | HDMU30008 Purchase U3 PEEC Battery Chagr | 12,654 | | | | | | | | | 12,654 |
| | HDMU30003 Instrumentation Replacements | 1,183 | 14 | | 12,175 | | | | | | 13,372 |
| | HDMU12002 CEMS Data Equipment | | | 16,915 | (3) | | | | | | 16,912 |
| | HDMU34001 CEMS Data Equipment | | | 16,915 | 151 | | | | | | 17,066 |
| | HDMU00057 Install Roof Over Transformers | | | 15,658 | 6,542 | | | | | | 22,200 |
| | HDMU00075 Purchase Capital Tools | | | | | 9,622 | 4,138 | 10,963 | 10,531 | 10,468 | 45,722 |
| | HDMU00051 Repl. DGP Protective Relays | | | 95,048 | (11,869) | | | | | | 83,178 |
| | HDMU00101 UPS Inverter Replacement | | | | | | | | | 83,747 | 83,747 |
| | HDMU12003 U1 & U2 Capital Inlet Filters | | | | | | | 108,687 | | | 108,687 |
| | HDMU00100 CEMS Building Replacement | | | | | | | 161,810 | | | 161,810 |
| | HDMU00074 Construct Maintenance Building | | | | 71,618 | 195,734 | 30,812 | | | | 298,164 |
| | HDMU00099 CEMS Equip Replacement | | | | | | | 302,045 | | | 302,045 |
| | HDMU00102 HMI Upgrade | | | | | | | | 306,738 | | 306,738 |
| | HDMU00076 GE Stationary Blade Replace | | | | | 459,900 | 13,507 | | | | 473,407 |
| | HDMU00103 UPS Batteries Replacement | | | | | | | | | 575,758 | 575,758 |
| | HDMU40012 Set of CT Transition Pieces | | | | | 563,225 | 56,086 | | | | 619,310 |
| | 000014768 TON Plant Improvements | 76,517 | 2,676 | 34,790 | 77,423 | 26,656 | 335,348 | 54,098 | 158,906 | 157,025 | 923,439 |
| Mattison Plant Total | | 124,716 | 16,075 | 198,773 | 162,518 | 1,258,682 | 439,890 | 643,877 | 476,175 | 826,998 | 4,147,704 |
| Pirkey Plant | | | | | | | | | | | |
| | PRK14C002 PPB Non Outage | (140,898) | | | | | | | | | (140,898) |
| | 000020374 PRK CCR/ELG Compliance | | | | | | (66,474) | | | | (66,474) |
| | PRKCDEM02 CARBON MEDIA REPLACEMENT | | | | | | (17,289) | | | | (17,289) |
| | PRK13C001 PPB Outage | (4,444) | | | | | | | | | (4,444) |
| | PRKDCT302 DUCT EXPANSION JOINTS BOILER | (1,635) | | | | | | | | | (1,635) |
| | PRK12C715 PRK Turbine Ctrl Replacement | (90) | | | | | | | | | (90) |
| | PRK14C001 PPB Outage | (76) | | | | | | | | | (76) |
| | SWE800MHZ 800 MHz BU Comm Equip | | | | | | | 4,633 | | | 4,633 |
| | PRKCSFD01 STOCK FEEDER BELTS | | | | | 9,368 | | | | | 9,368 |
| | PRKCFDR01 STOCK FEEDER BELTS | | | | | | 11,002 | | | | 11,002 |
| | PRKCINT51 INSTRUMENTATION | | | | | | | 11,950 | | | 11,950 |
| | PRKNRXDEP PRK Asset Hub Deployment | 13,024 | | | | | | | | | 13,024 |
| | PRKCBOP00 Lake Make Up Piping | 14,659 | | | | | | | | | 14,659 |
| | PRKCCNV02 CONVEYOR PULLEY REPLACEMENT | | | | | 19,690 | | | | | 19,690 |
| | PRKCELE50 MOTOR REWIND/REPLACE | | | | | | | 19,917 | | | 19,917 |
| | PRKCYD220 CY ELECTRICAL 480V TRANSFORMER | | | 22,265 | | | | | | | 22,265 |
| | PRKCFGD52 FGD DUCT EXP JOINTS | (58) | 4,495 | | | | | | | 19,328 | 23,765 |
| | PRKCCNT01 RVP CONTROL CARDS | | | | | | 27,502 | | | | 27,502 |
| | PRKCFAN01 NEW SS PA FAN LUBE OIL TANK | | | | | | | 29,663 | | | 29,663 |
| | PRKCCYD03 A1 OR A2 RING GRANULATOR REBUI | | | | | 35,585 | | | | | 35,585 |
| | PRK17C020 AIR COMPRESSORS SA DRYER | | | | | | 13,552 | 28,339 | | | 41,891 |
| | PRKCINT50 HYDROGEN ANALYZER | | | | | | | 43,818 | | | 43,818 |
| | PRKCBLD00 BUILDINGS HVAC | | | 47,383 | | | | | | | 47,383 |
| | PRK11C005 CAP STOREROOM ISSUES | 25,489 | 20,539 | 2,333 | | | | | | | 48,360 |
| | PRKXLE50 CI Ele Sw Gear Breakers Relays | 50,492 | 1,238 | | | | | | | | 51,730 |
| | PRKCAHT62 B SAH EXP JOINT HE | | | | | | | 63,735 | | | 63,735 |

SOUTHWESTERN ELECTRIC POWER COMPANY
Fossil Capital Expenditures
Historical, Present and Projected

| Location | Project Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Grand Total |
|----------|--|---------|----------|----------|---------|---------|---------|---------|---------|---------|-------------|
| | PRKCCEM01 CEMMS DATA LOGGER | | | | 65,689 | (152) | | | | | 65,537 |
| | PRKCBLR61 HP & FIRE WTR PIPING | | | | | | | | | 65,715 | 65,715 |
| | PRK20C001 CAP OUTAGE < \$100k | | | | | | 65,844 | | | | 65,844 |
| | PRKCPYR01 PYRITE PIPING REPLACEMENT | | | 67,416 | | | | | | | 67,416 |
| | PRKCBA001 DRIP SCREENS | | | | | | 76,799 | | | | 76,799 |
| | PRK09C630 Elec Switchgear Breakers Relay | | | | | | | | 38,877 | 38,656 | 77,533 |
| | PRKSTC053 CHIMNEY EXP JOINT | | | | | | | 79,668 | | | 79,668 |
| | PRKCYD002 COAL YARD OIL HOUSE | | | | | | | 80,971 | | | 80,971 |
| | PRKCAHT61 PAH SUPPORT/GUIDE BEARING | | | | | 91,089 | | | | | 91,089 |
| | PRKCCNT54 TDBFP RECIRC VLV | | | | | | | 91,619 | | | 91,619 |
| | PRK14C810 ASH ECON ASH | | | | 57,261 | 17,031 | | 19,917 | | | 94,209 |
| | PRK21C001 CAP OUTAGE < \$100k | | | | | | | 99,585 | | | 99,585 |
| | PRKPS223 R/R 2019 | | | | | 100,115 | | | | | 100,115 |
| | PRKCENV01 PRK CCR WELLS | 81,205 | 29,075 | (324) | | | | | | | 109,955 |
| | PRKCTUR50 Condenser Expansion Joint | | | | | | | | 117,793 | | 117,793 |
| | PRKCCCR01 STACKOUT PAD RUNOFF | | 126,204 | 90 | | | | | | | 126,295 |
| | PRK15C133 AIR HEATERS PAH COLLAR SEALS | | 26,201 | 110,437 | | | | | | | 136,638 |
| | PRK11C806 ASH BA PIPING | | 48,740 | (0) | 16,424 | 3,414 | | | 76,104 | | 144,681 |
| | PRKCFGD51 FGD Valves Recycle | 5,188 | 31,102 | 21,185 | 7,911 | 30,547 | (6,062) | 19,701 | 19,026 | 19,328 | 147,927 |
| | PRK22C001 CAP OUTAGE < \$100K | | | | | | | | 152,209 | | 152,209 |
| | PRKCDEM00 Demin Analyzers | (1,480) | 23,440 | 12,626 | 38,778 | 34,752 | | 13,932 | 15,706 | 15,462 | 153,217 |
| | PRK23C001 CAP OUTAGE < \$100K | | | | | | | | | 154,624 | 154,624 |
| | PRKCCYD01 COAL YARD ANALYZER UPGRADE | | 162,296 | 2,622 | | | | | | | 164,918 |
| | PRK23C002 CAP NON-OUTAGE <\$100K | | | | | | | | | 173,952 | 173,952 |
| | PRK22C002 CAP NON-OUTAGE <\$100K | | | | | | | | 174,999 | | 174,999 |
| | PRKCELE02 CY MOTOR REWINDS | 100,170 | (315) | | | | | | 76,104 | | 175,959 |
| | PRK10C620 Ele Cable Repl ID Fans | 212,882 | (26,663) | | | | | | | | 186,219 |
| | PRKCBLR60 BOILER HEADER INSULATION | | | | | 45,150 | 66,212 | | | 77,312 | 188,674 |
| | PRKCULV00 DRAINAGE CULVERT SYSTEM | | | | | | | 80,970 | 114,157 | | 195,127 |
| | PRKCDEM50 Demin Tanks Coatings | | | | 126,919 | 18,027 | 53,165 | | | | 198,111 |
| | PRK10C885 FGD SLUDGE CONVEYOR BELTS | | 68,087 | 35,378 | 20,271 | | 13,620 | | 77,778 | | 215,134 |
| | PRKPS5120 Fans ID Overhaul | | | | 50,537 | (4,979) | | 95,602 | | 77,312 | 218,471 |
| | PRKCDT53 Duct Exp Joints AH to FGD | | 96,382 | (685) | | | 48,287 | | 76,104 | | 220,088 |
| | PRK21C002 CAP NON-OUTAGE <\$100K | | | | | | | 222,666 | | | 222,666 |
| | PRKXGEN50 GENERATOR INSPECTION | | | | | | | | 228,315 | | 228,315 |
| | PRK16C001 PPB Outage | | 186,404 | 51,272 | | | | | | | 237,676 |
| | PRKCRLY01 RELAYS FOR DME | | | | 46,698 | 187,261 | 6,364 | | | | 240,323 |
| | PRK19C162 FGD BALL MILL LINER | | 54,218 | (179) | | | 61,454 | | 76,104 | 54,119 | 245,717 |
| | PRKCDEM01 Demin Acid Caustic Pump Piping | | | 168,059 | 20,581 | 70 | | | 58,333 | | 247,044 |
| | PRKCSFY00 FIRE PROTECTION DETECTION | | 301,503 | (39,550) | | | | | | | 261,954 |
| | PRKCBOP02 POND WATER MANAGEMENT | | | 242,044 | 32,652 | 351 | | | | | 275,047 |
| | PRK20C002 CAP NON-OUTAGE <\$100K | | | | | 1,124 | 296,453 | | | | 297,577 |
| | PRKCDCT50 DUCTS ECON TO AH | | | | | | | | 304,419 | | 304,419 |
| | PRKCBRN51 D&F BURNER NOZZLE REPLACEMENT | | | | | | | | | 309,249 | 309,249 |
| | PRK14M915 BUILDINGS ROOFS SLUDGE BLDG | | 269,884 | 47,114 | | | | | | | 316,998 |
| | PRKFGD888 FGD PIPING UPGRADES | 179,660 | 85,423 | 12,433 | | | 43,896 | | | | 321,412 |
| | PRK17C001 Cap Outage 100K | | | 324,671 | | | | | | | 324,671 |
| | PRKCFRP50 DUST SUPPRESSION FIRE PROTECTI | | 325,326 | 14,117 | | | | | | | 339,443 |
| | PRKCBRN53 A&B BURNER NOZZLE REPLACEMENT | | | | | | | | 342,471 | | 342,471 |
| | PRKCNGS01 GAS SUPPLY CATHOTIC PROTECTION | | | 315,589 | 32,421 | | | | | | 348,010 |

SOUTHWESTERN ELECTRIC POWER COMPANY
Fossil Capital Expenditures
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| Location | Project Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Grand Total |
|---------------------------|--|-------------------|------------------|-------------------|-------------------|-------------------|------------------|------------------|-------------------|-------------------|--------------------|
| | PRK10C302 Boiler Duct Exp Joints | | 94,431 | (194) | 10,418 | 91,749 | | | | | 348,613 |
| | PRKCBRN52 C&F BURNER NOZZLE REPLACEMENT | | | | | | | 358,507 | | | 358,507 |
| | PRKCBOP50 Pipe Testing FAC HEP MS | | | | | | | 79,668 | 152,210 | 135,296 | 367,174 |
| | PRKCFAN51 PRK Replace A&B ID Fan Hubs | 363,750 | 23,592 | | | | | | | | 387,342 |
| | PRKCDEM51 Demin Carbon/Resins | 285,877 | (85,858) | | | | 197,536 | | | | 397,555 |
| | 000019911 PRK 316(b) | | | | | | | 22,120 | 85,840 | 330,321 | 438,281 |
| | PRKPSC163 FGD Duct Wall Linings Replace | (0) | | 358,771 | | | 91,983 | | | | 450,754 |
| | PRKCSLG02 A FILTER CAKE VACUUM DRUM REPL | | | | 291,837 | 178,729 | | | | | 470,565 |
| | PRKCBLR55 FURNACE WALL OVERLAYS | | | | | | | 478,010 | | | 478,010 |
| | PRKXGEN51 CI VOLTAGE REGULATOR | | | | 193,316 | 272,996 | 19,484 | | | | 485,796 |
| | PRKCAHT52 "B" SAH SHOES AND EXPAN JNT | | 52,639 | 243,157 | | | | | 216,898 | | 512,694 |
| | PRKCFGD61 B UL TANK LINER | | | | | | | 517,844 | | | 517,844 |
| | PRK15C001 PPB Outage | 502,003 | 33,947 | | | | | | | | 535,950 |
| | PRKCBOP51 HIGH ENERGY PIPING | 278,914 | (3,891) | 219,249 | | | 45,994 | | | | 540,266 |
| | PRKCAHT58 ALPHA SECONDARY AIR HEATER BAS | | 146,317 | 198,125 | | | | | 216,898 | | 561,340 |
| | PRK22CPUL PULV FUEL LINE REPLACEMENT | | | | | | | | 608,838 | | 608,838 |
| | PRK18C001 CAP OUTAGE < \$100K | | | 244,672 | 367,677 | 9,631 | | | | | 621,980 |
| | PRKCWTR02 POND EVAPORATOR INSTALL | | | | | 623,695 | | | | | 623,695 |
| | PRK17C002 Cap Non Outage 100K | | | 680,082 | (48,797) | | | | | | 631,285 |
| | PRK13C600 Precip Rappers | | 78,800 | 106,524 | 79,741 | 94,245 | 74,205 | 65,328 | 76,104 | 77,312 | 652,257 |
| | PRKPSC422 Pumps TDBFP Turbine | | 26,330 | 342,643 | | | | | | 309,249 | 678,223 |
| | PRKCTUR52 TURBINE STEAM PATH SEALS | | | | | | | | 684,942 | | 684,942 |
| | PRKCFGD62 A&C TOWER OUTLET ELBOW JNTS | | | | | | | | | 757,659 | 757,659 |
| | PRK15C002 PPB Non Outage | 846,530 | (68,232) | | | | | | | | 778,297 |
| | PRKXWTR53 Replace Pirkey U1 F HP Heater | | 341,434 | 468,739 | | | | | | | 810,174 |
| | PRK19C001 CAP OUTAGE < \$100k | | | | 44,777 | 789,553 | (7,582) | | | | 826,748 |
| | PRKXFAN50 ID Fan Blades B | | | | 393,430 | 494,500 | | | | | 887,930 |
| | PRKCTUR55 TURBINE HP BLADES | | | | | | | | 913,256 | | 913,256 |
| | PRK19C002 CAP NON-OUTAGE < \$100K | | | | | 962,670 | 20,970 | | | | 983,641 |
| | PRK10C220 CY CONVEYOR BELTS | 303,045 | 142,023 | 2,665 | 72,926 | 133,260 | 87,987 | 119,503 | 95,130 | 115,968 | 1,072,507 |
| | PRK16C002 PPB Non Outage | | 1,151,880 | (55,177) | | | | | | | 1,096,702 |
| | PRKCAHT56 PRK PAH Self Leveling System | 1,481,868 | 6,977 | | | | | | | | 1,488,844 |
| | PRK18C002 CAP NON-OUTAGE <\$100K | | | 607 | 1,619,765 | 7,994 | | | | | 1,628,366 |
| | PRK10C251 PULV GRINDING TABLES BOWL | 108,206 | 346,871 | 418,461 | 87,047 | 76,474 | 334,712 | 113,195 | 137,426 | 96,640 | 1,719,033 |
| | PRKCBLR52 OFA CORROSION | | 457,654 | 1,287,124 | | | | | | | 1,744,778 |
| | PRK001BAG PRK ACI Calcium Bromide | 2,591,970 | 2,619 | | | | | | | | 2,594,590 |
| | PRKXENV02 PRK Landfill 2012 thru 2016 | 2,845,133 | 199,126 | 65,779 | (167) | | | | | | 3,109,872 |
| | PRKXENV03 PRK Landfill Expansion | | | 110,981 | 3,051,925 | 39,369 | 266,434 | 242,909 | 388,890 | | 4,100,508 |
| | PRKCFGD60 FGD CONTROLS UPGRADE | | 142,196 | 200,332 | 1,363,695 | 4,854,457 | 199,005 | | | | 6,759,685 |
| | PRKXENV01 Pirkey Landfill Area K Cell 1 | 44,641 | 70,213 | 1,274 | 54,518 | 1,143,832 | 714,414 | | | 6,456,639 | 8,485,531 |
| | PRK12C704 PRK Controls BMS CC | | 469,099 | 4,651,334 | 3,846,625 | 6,251,085 | 259,731 | | | | 15,477,873 |
| | 000026191 PRK CCR/ELG Compliance | | | | | 1,394,957 | 6,112,307 | 5,610,039 | 18,862,970 | 4,518,961 | 36,499,235 |
| Pirkey Plant Total | | 10,186,026 | 5,461,745 | 11,001,444 | 11,944,873 | 18,007,640 | 9,111,506 | 8,613,809 | 24,540,110 | 13,803,102 | 112,670,256 |
| Turk Plant | TRKWWTLAB TRK WASTE H2O TREAT OFFICE LAB | (27,366) | | | | | | | | | (27,366) |
| | TRKCYSHOP TRK CY MAINT SHOP | (8,889) | | | | | | | | | (8,889) |
| | TRKREAGTJ TRK REAGENT EXPAND JOINTS | | (7,066) | | | | | | | | (7,066) |
| | TRK1SCR3L TRK 3 LAYER SCR | (4,215) | | | | | | | | | (4,215) |
| | TRKCSUBFP TRK BOILER FEED PUMP REPLACE | (3,306) | | | | | | | | | (3,306) |
| | TRK404CS1 TRK 404 PERMIT MODIFY CONVEYS1 | (268) | | | | | | | | | (268) |
| | TRKCHEM01 TRK CHEMICAL TOTE BLDG | (156) | | | | | | | | | (156) |

SOUTHWESTERN ELECTRIC POWER COMPANY
Fossil Capital Expenditures
Historical, Present and Projected

| Location | Project Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Grand Total |
|----------|--|-------|--------|---------|-------|--------|-------|-------|------|------|-------------|
| | TRKLWTUBE TRK LOW WELL STACK TUBE MODS | 4,558 | 165 | (5,126) | 403 | | | | | | 0 |
| | GENASH168 Generation ASH Co 168 (SWEPCO) | (748) | 748 | | | | | | | | 0 |
| | TRKCARDUM TRK CAR DUMPER POSITIONER MTR | 108 | | | | | | | | | 108 |
| | TRKSDATOM TRK SDA ATOMIZER | | | | | | 818 | | | | 818 |
| | TRKPRESBL TRK PRESSURE BLOWER 1 N 1CP | | | | | 881 | 19 | | | | 900 |
| | TRKDCSCOM TRK DCS EMERSON OVATION WRKSTA | | | 1,961 | | | | | | | 1,961 |
| | TRKGRDSAC TRK GUARD SHACK AC UNIT | | 2,690 | | | | | | | | 2,690 |
| | TRKPLTF21 TRK PLT CRSR FEED DIV GATE 1 | | | 2,889 | | | | | | | 2,889 |
| | 000023025 Turk CPRP PWP H2O Treatment | 3,112 | | | | | | | | | 3,112 |
| | TRKPLTF02 TRK ID FAN PLATFORM | 3,372 | | | | | | | | | 3,372 |
| | TRKFHVEAS TRK FLY ASH VAC EXHAUST VLV | 3,416 | | | | | | | | | 3,416 |
| | TRKWTBICE TRK WATER TREATMENT ICE MACH | | 3,427 | | | | | | | | 3,427 |
| | TRKPORTAC TRK PORTABLE HVAC FOR PLVR | | | 3,504 | 122 | | | | | | 3,626 |
| | TRKFURNTR TRK OFFICE FURNITURE | | | | | 3,639 | | | | | 3,639 |
| | TRKSBCONT TRK SOOTBLWR HYDROJET CONTROLS | | | | | | 3,985 | | | | 3,985 |
| | TRKRAILRE TRK RAIL REPLACEMENT | | | | 4,209 | | | | | | 4,209 |
| | SWE800MHZ 800 MHz BU Comm Equip | | | | | | | 4,601 | | | 4,601 |
| | TRKCYBVMS CY Belt Vibr Monitoring Sys | | | | 4,629 | | | | | | 4,629 |
| | TRKHPTCV TRK HP HEATERS CONTROL VLV | | | | | | 4,661 | | | | 4,661 |
| | TRKRCDPCLC TRK ROTARY CAR DUMPER PLC | | 5,156 | | | | | | | | 5,156 |
| | TRKMEDIAF TRK MULTI MEDIA FILTERS | 2,842 | 2,317 | | | | | | | | 5,159 |
| | TRKSPMFLU TRK SUSPEND PART MATTER FLUE | 5,465 | | | | | | | | | 5,465 |
| | TRKBLTFDR TRK RCD UNLOAD BELT FEEDER 1 | | | 2,759 | 2,834 | | | | | | 5,592 |
| | TRKPISERV TRK PI SERVER REPLACEMENT | 5,786 | | | | | | | | | 5,786 |
| | TRKMMFLTR TRK WW MULTIMEDIA FILTER | | | 5,825 | | | | | | | 5,825 |
| | TRKSUBFP1 TRK STARTUP BOIL FEED PUMP MTR | 5,948 | | | | | | | | | 5,948 |
| | TRKAHSPLC TRK AIR HTR SECTOR PLATE PLC | | 5,994 | | | | | | | | 5,994 |
| | TRKBLRHVA TRK HVAC BOILER SAMPLE ROOM | | | | | 6,038 | | | | | 6,038 |
| | TRKACCESS TRK SAFETY ACCESS PLATFORMS | 6,565 | | | | | | | | | 6,565 |
| | TRKPLTF20 TRK PLTF AT FLY ASH FDZING AIR | | | 6,765 | | | | | | | 6,765 |
| | TRKFLAHTR TRK RAS FLUIDIZING AIR HEATER | | | | | 6,813 | | | | | 6,813 |
| | TRKCIRBRK TRK SPARE CIRCUIT BREAKER REPA | | | 6,965 | | | | | | | 6,965 |
| | TRKSLKHTR TRK LIME SLAKER 1 HTR RECTFR | | | | | 7,045 | | | | | 7,045 |
| | TRKSTKRLS TRK STACK GUARDRAILS FLRS 1-4 | | | 7,313 | | | | | | | 7,313 |
| | TRKPSIMTR TRK PSI BLOWER MOTOR #1 | 7,412 | | | | | | | | | 7,412 |
| | TRKPLTF14 TRK AIR HTR PLTF EXTEN, GRATIN | | | 7,352 | 73 | | | | | | 7,425 |
| | TRKPWRBLK TRK POWER BLOCK BREAKER REP | | | 7,736 | | | | | | | 7,736 |
| | TRKRATK02 TRK INSTALL VLV RAS MIX TANK 2 | | 7,736 | | | | | | | | 7,736 |
| | TRKPLTF09 TRK PLATFORMS AT CONVEYOR #6 | | 7,921 | 91 | | | | | | | 8,012 |
| | TRKCTWALK TRK COOL TOWER SAFE ACCESS | 8,225 | | | | | | | | | 8,225 |
| | TRKCEMDL1 TRKCEMSDATLNKTODCS | | 8,352 | | | | | | | | 8,352 |
| | TRKPLTF24 TRK PLT FOR BLR DRS SEC AIR DT | | | 8,464 | 260 | | | | | | 8,724 |
| | TRKMOWR19 TRK NEW EXMARK MOWER ZEROTURN | | | | | 8,762 | | | | | 8,762 |
| | TRKPLTF23 TRK PLTF & HDRL @ EXCITER BLDG | | | 9,099 | | | | | | | 9,099 |
| | TRKHEATTR TRK WT HEAT TRACE INST CONTROL | | | | | 9,407 | | | | | 9,407 |
| | TRKGEAR04 TRK GEARBOX CONVEYOR 04 | 9,998 | | | | | | | | | 9,998 |
| | TRKRATK01 TRK INSTALL VLV RAS MIX TANK 1 | | 10,205 | | | | | | | | 10,205 |
| | TRKRCDAC1 TRK CY RCD AC UNIT | | | | | 10,331 | (41) | | | | 10,290 |
| | TRKPLTF16 TRK SEAL AIR PLATFORMS | | | 10,796 | | | | | | | 10,796 |
| | TRKCYPUMP TRK COAL YARD PUMPS | | 10,599 | 283 | | | | | | | 10,883 |

SOUTHWESTERN ELECTRIC POWER COMPANY
Fossil Capital Expenditures
Historical, Present and Projected

| Location | Project Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Grand Total |
|----------|--|--------|--------|--------|---------|--------|--------|------|------|--------|-------------|
| | TRKLPSWCP TRK LPSW PIPING REPLACEMENT | | | | | | 10,967 | | | | 10,967 |
| | TRKCOGLTK TRK WWTP COAGULANT STRG TANK | | | | | 10,882 | 243 | | | | 11,125 |
| | TRKTURBID TRK RVR CAISSON TURBIDITY MTR | | 11,247 | | | | | | | | 11,247 |
| | TRKPLTF03 TRK PULV FINENESS PLATFORM | 11,309 | | | | | | | | | 11,309 |
| | TRKFABFVL TRK FLY ASH BUTTERFLY VALVES | | | 11,324 | | | | | | | 11,324 |
| | TRKSIDEWK TRK SIDEWALKS REAG PREP BLDG | | | 11,796 | | | | | | | 11,796 |
| | TRKPLTF15 TRK WEST END TRIPPER FLR PLTF | | | 11,813 | | | | | | | 11,813 |
| | TRKDATASO TRK DATA STRGE & RETRIEVAL SYS | 12,087 | | | | | | | | | 12,087 |
| | TRKSILOSO TRK COAL SILOS | 12,298 | (0) | | | | | | | | 12,298 |
| | TRKRPBFAN TRK REAGENT PREP WALL EX FANS | | 6,193 | 6,161 | | | | | | | 12,354 |
| | TRKC6PULY TRK CONV 6 TAIL PULLEY | | | | 12,807 | | | | | | 12,807 |
| | TRKPLTF08 TRK SCR DOOR ACCESS PLATFORMS | 12,992 | | | | | | | | | 12,992 |
| | TRKPLTF06 TRK N/W REAGENT PREP WALLS | 13,080 | | | | | | | | | 13,080 |
| | TRKPLTF17 TRK COLD REHEAT ISO VLVS PLTF | | | 13,475 | | | | | | | 13,475 |
| | TRKSVWREG TRK REPLACESVCWATER REG | | 13,708 | | | | | | | | 13,708 |
| | TRKIDFNCL TRK #1 ID FAN LUBE OIL COOLER | | | | | 13,882 | | | | | 13,882 |
| | TRKPRESWA TRK HIGH PSI PRESSURE WASHERS | | 14,593 | | | | | | | | 14,593 |
| | TRKPIPPAD TRK PIPE PRESTAGE PAD | 14,806 | | | | | | | | | 14,806 |
| | TRKCYOILS TRK OIL PUMP STORAGE SYSTEM | | 15,383 | | | | | | | | 15,383 |
| | TRKGWRAIL TRK GW RAIL ACCESS LAND | 13,721 | 1,762 | | | | | | | | 15,482 |
| | TRKPLTF12 TRK PLTFORMS CY LOWERING WELLS | | 16,095 | | | | | | | | 16,095 |
| | TRKPLTF18 TRK ACCESS PLTF ASH HANDLING | | | 16,274 | | | | | | | 16,274 |
| | TRKIRONWK TRK CY IRON WORKER | | 13,918 | 2,414 | | | | | | | 16,332 |
| | TRKCFTBLD TRK COAL FINENESS TEST BLDG | 16,372 | | | | | | | | | 16,372 |
| | TRKGENUPS TRK PLANT UPS UPGRADES | | | | 11,942 | 4,518 | | | | | 16,460 |
| | TRKACIPLC TRK ACTIVATED CARBON INJ PLC | | 16,703 | (167) | | | | | | | 16,536 |
| | TRKPLTF11 TRK ECON OUTLET GAS PLATFORMS | | 16,991 | | | | | | | | 16,991 |
| | TRKTRPC71 TRK TRIPPER CNVYR C-71 GEARBOX | | | | 16,993 | | | | | | 16,993 |
| | TRKPWRCLE TRK PWRCLEAN CONTROLS UPGRADE | | 101 | 17,060 | | | | | | | 17,160 |
| | TRKRDREPR TRK ROAD REPAIR & CONCRETE WRK | | | 27,069 | (9,314) | | | | | | 17,755 |
| | TRKOPWMMF TRK OUTAGE DEMIN MMF MEDIA REP | | | | 17,918 | | | | | | 17,918 |
| | TRKC4GRBX TRK CY CONVEYOR C-4 GEARBOX | | | | 18,135 | | | | | | 18,135 |
| | TRKPLTF13 TRK LIME & RA PUMP PLATFORMS | | 18,812 | (201) | | | | | | | 18,611 |
| | TRKPLTF01 TRK BOILER ACCESS PLATFORM | 19,388 | | | | | | | | | 19,388 |
| | TRKBAGS17 TRK FLT SEP FLY ASH HANDL BAGS | | | 16,558 | 3,127 | | | | | | 19,685 |
| | TRKHYPDUM TRK HYD PUMP 1 - BFPT | | 19,824 | | | | | | | | 19,824 |
| | 000011378 Construct John W Turk PC in He | 20,587 | | | | | | | | | 20,587 |
| | TRK13KBRK TRK 13K EMER STANDBY BREAKER | 20,809 | | | | | | | | | 20,809 |
| | TRKSTBPLC TRK SOOTBLOWER PWRCLN PLC FIRE | | | | 20,769 | 196 | | | | | 20,966 |
| | TRKBBEAMS TRK BOILER BEAMS | 21,135 | | | | | | | | | 21,135 |
| | TRKTURVRG TRK TURBINE VOLTAGE REGULATOR | 11,925 | 9,506 | | | | | | | | 21,431 |
| | TRKCCRRUL TRK CCR RULE GW WELLS | 6,477 | 15,474 | | | | | | | | 21,951 |
| | TRKSNDFLT TRK SAND FILTER AIR LIFT REPLA | | | | | | | | | 23,030 | 23,030 |
| | TRKHUMMON TRK HUMIDITY MTR OUTLET PIFF | | 23,287 | | | | | | | | 23,287 |
| | TRKCOALFD TRK COAL STOCK FDR VFD DRV 1-6 | | | 15,505 | 9,062 | | | | | | 24,566 |
| | TRKFGDRF2 TRK RECYCLE ASH FEEDER 2 | 23,155 | 1,712 | | | | | | | | 24,867 |
| | TRKALSTOM TRK STEAM FLOW GUIDE | 24,244 | 876 | | | | | | | | 25,120 |
| | TRKDRYFLI TRK DRY FLIGHT CHAIN & FLIGHTS | | | | 25,247 | | | | | | 25,247 |
| | TRKGAITON TRK GAITRONICS SYSTEM | 14,292 | 269 | 1,040 | | | 10,324 | | | | 25,925 |
| | TRKPLTF19 TRK PLTF TURBINE CNDSR EXP JNT | | | 26,648 | | | | | | | 26,648 |

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| Location | Project Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Grand Total |
|----------|--|---------|---------|----------|--------|--------|----------|---------|--------|--------|-------------|
| | TRKGEAR61 TRK GEARBOX CONVEYOR 61 | (180) | 28,613 | | | | | | | | 28,433 |
| | TRKVFDDRV TRK CONST ELEV VARI AC DRIVES | | | | | 28,612 | | | | | 28,612 |
| | TRKWSPIT TRK VEHICLE WASH PIT | 29,606 | | | | | | | | | 29,606 |
| | TRKBAYLIT TRK TURBINE HI BAY LIGHTS | | | | | | 29,707 | | | | 29,707 |
| | TRKCANNON TRK SCR AIR CANNONS | | | | | | 30,272 | | | | 30,272 |
| | TRKLIGHTU TRK LIGHTING UPGRADES | | | | | | 32,822 | | | | 32,822 |
| | TRKSTAPUM TRK STATOR WATER PUMP @ TURBI | | 32,043 | 605 | 1,612 | 18 | | | | | 34,278 |
| | TRKASHFED TRK #1 ROTARY ASH FEEDER | 25,218 | 9,385 | | | | | | | | 34,603 |
| | TRKSHOPPS TRK MAINT SHOP PRESTAGE | 36,351 | | | | | | | | | 36,351 |
| | TRKPLTF07 TRK AIR HEATER ACCESS PLATFORM | 36,441 | | | | | | | | | 36,441 |
| | TRKPLTF10 TRK ATOM HEAD TANK PLATFORMS | | 37,379 | | | | | | | | 37,379 |
| | TRKBLRACO TRK BLR PENT ACOUSTIC UPGRADE | 18,409 | 20,110 | (2) | | | | | | | 38,517 |
| | TRKPLANEX TRK PLANNING OFFICE EXPANSION | | 39,445 | | | | | | | | 39,445 |
| | TRKOGNPRL TRK GENERATOR PROTECTION RELAY | | | | 39,625 | | | | | | 39,625 |
| | TRKPLVSWI TRK PULV FDR BELT SWITCH | | | 31,420 | 10,582 | | | | | | 42,003 |
| | TRKHVACCN TRK HVAC CONTROL SYS FOR ADMIN | | | | | | 45,392 | | | | 45,392 |
| | TRKPDMEQT TRK PDM EQUIPMENT | | | | 851 | 152 | (20,613) | 11,881 | | 53,737 | 46,007 |
| | TRKSCAFFO TRK SCAFFOLDING PLANT | | 51,569 | | | | | | | | 51,569 |
| | TRKREAGTV TRK REAGENT PREP VALVES | | 2,947 | 7 | | | 13,460 | 12,061 | 11,584 | 11,515 | 51,573 |
| | TRKDATLOG TRK CEMS DATA LOGGER REPLACE | 128 | 54,923 | | | | | | | | 55,051 |
| | TRKPLVSAV TRK PULVERIZER SEAL AIR VALVES | | 56,926 | (133) | | | | | | | 56,793 |
| | TRKGENRLY TRK GEN GE PROTECTION RELAY | | | 60,118 | | | | | | | 60,118 |
| | TRKCPARK TRK COAL YARD PARKING LOT | 60,723 | | | | | | | | | 60,723 |
| | TRKSCRHR1 TRK SCR ACOUSTIC CLNR 1 & 2 LY | | | | | 61,733 | | | | | 61,733 |
| | TRKSWSKI0 TRK SERVICE WATER INHIB SKIDS | | 64,113 | (226) | | | | | | | 63,886 |
| | TRKCYFPAD TRK CY FILL STATION PAD | | 85,000 | (20,175) | | | | | | | 64,825 |
| | TRKROMEMB TRK RO MEMBRANE | | | | 34,311 | | | | | 34,545 | 68,856 |
| | TRKHTR8DV TRK HTR 8 EMER DRAIN VALVE | | 70,984 | (186) | | | | | | | 70,799 |
| | 000022417 Turk Hg Monitoring - MATS | 71,128 | 1,494 | | | | | | | | 72,622 |
| | TRKP320UP TRK ALSTOM P320 UPGRADES | | 73,581 | | | | | | | | 73,581 |
| | TRKCAPPPB Turk Capital PPB Projects | 29,259 | 19,284 | 7,914 | 17,312 | | | | | | 73,769 |
| | TRKHVDROP TRK HYDROJET PUMP BLOWER SYSTM | 37,876 | 9 | 41,748 | | | | | | | 79,633 |
| | TRKRCDIS TRK RCD SUMP DISCHARGE LINE | 6,000 | 75,803 | (1) | | | | | | | 81,803 |
| | TRKNOZONE TRK SPRAY NOZZLE ONE REPLACE | 88,156 | (5,184) | | | | | | | | 82,972 |
| | TRKCLROFF TRK CLEARANCE OFFICE NEW ROOM | | | 16,988 | 66,803 | | | | | | 83,791 |
| | TRKCELL2S TRK PRELIM LNDFL CELL 2 STUDY | 15,529 | 68,815 | (8) | | | | | | | 84,336 |
| | TRKCARINJ TRK ACT CARBON INJECT REPLACE | | 39,940 | 43,565 | 1,577 | | | | | | 85,082 |
| | TRKHPHEAT TRK HIGH PRESS HTR LVL XMTRS | | 90,629 | (3,827) | | | | | | | 86,803 |
| | TRKCSBELT TRK CONVEYOR 5 BELT REPLACEMEN | | | | | | 89,913 | | | | 89,913 |
| | TRKBFWCUP TRK TURBINE FEED H2O PUMP COUP | 91,552 | | | | | | | | | 91,552 |
| | TRKMXBRES I/R MIXED BEDS RESIN REPLACE | | | | 47,213 | | | | 49,247 | | 96,460 |
| | TRKADMNAC TRK ADMIN AC REPLACEMENT 2022 | | | | | | | 100,498 | | | 100,498 |
| | TRKASHSLR TRK ASH SLURRY TANK DISCHRG VL | 7,441 | 94,458 | (65) | | | | | | | 101,835 |
| | TRKAPEXBU TRK MATS REDUNDANT APEX BACKUP | | | | | 96,543 | 5,429 | | | | 101,972 |
| | TRKTURDRV TRK TURBINE HP DRAIN VALVES | | | | | | 39,696 | 19,412 | 22,504 | 23,030 | 104,642 |
| | TRKNOZTWO TRK SPRAY NOZZLE TWO REPLACE | 87,205 | 19,671 | | | | | | | | 106,876 |
| | TRKPWPDAM TRK PROCESS H2O POND DAM | 105,657 | 3,038 | | | | | | | | 108,696 |
| | TRKCYFCOV TRK CY FUELING STATION COVER | | 114,318 | 0 | | | | | | | 114,319 |
| | TRKC2BELT TRK CONVEYOR 2 BELT REPLACEMEN | | | | | | 115,764 | | | | 115,764 |
| | TRKRECYLV TRK LIME ASH ISO RECYCL VALVES | 125,909 | (6,615) | | | | | | | | 119,293 |

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| Location | Project Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Grand Total |
|----------|--|---------|----------|---------|-----------|---------|----------|---------|---------|-----------|-------------|
| | TRKPLVPLT TRK PULVERIZER PLATFORMS 1-6 | 118,895 | 541 | | | | | | | | 119,436 |
| | TRKPUMPSO TRK MISC PUMPS | 25,294 | | | 5,416 | 9,391 | 31,121 | 20,098 | 19,307 | 19,192 | 129,819 |
| | TRKFURHPD TRK FURNACE HP DRAIN VALVES | | | | | | 74,256 | 27,846 | 15,153 | 19,192 | 136,447 |
| | TRKCG1BEL TRK CONV C-61 BELT CHANGÉ | | | | 138,501 | | | | | | 138,501 |
| | TRKHEPPIP TRK HEP PIPING DRAIN VALVES | | | | | | 44,809 | 39,771 | 35,908 | 19,192 | 139,680 |
| | TRKBOILER TRK SUBMERG FLITE CONVEY CHAIN | 140,069 | | | | | | | | | 140,069 |
| | TRKRSOSHP TRK RSO SHOP BUILDING | | | 61,422 | 84,963 | | | | | | 146,386 |
| | TRKPHINSU TRK PENTHOUSE INSULATION REPLA | | | | | | | 39,605 | | 113,616 | 153,221 |
| | TRKCNDPLB TRK COND POLISHER RESIN BEADS | | | | | | | | | 153,535 | 153,535 |
| | TRKIDFAN2 TRK ID FAN #2 REBUILD | | | | | | | | 173,767 | | 173,767 |
| | TRKCYADDT TRK CY SERVICE BLDG ADDITION | 186,067 | 7,625 | | | | | | | | 193,692 |
| | TRKPLTRAN TRK PLANT TRANSMITTERS | | | | 42,133 | 101,778 | 11,181 | 11,855 | 11,616 | 15,353 | 193,917 |
| | TRKTVBSYS Turbine Vibration System | | | | | | 204,883 | | | | 204,883 |
| | TRKSAFETY TRK SAFETY ENHANCEMENTS | 3,167 | | | | | 70,008 | 60,300 | 57,922 | 57,576 | 248,973 |
| | TRKHPPVALV TRK HP TURBINE VALVE | | | | | | | | | 268,686 | 268,686 |
| | TRKIPVALV TRK IP TURBINE VALVE | | | | | | | | | 268,686 | 268,686 |
| | TRKSOOTBL TRK SOOTBLOWER REPLACEMENT | | | | | | 61,527 | 7,924 | 105,319 | 103,636 | 278,406 |
| | TRKATPTWO TRK ATTEMP 2 NOZZLE REPLACE | 303,502 | (21,020) | | | | | | | | 282,482 |
| | TRKIDF2SH TRK ID FAN 2 SHAFT REPLACEMENT | | 289,716 | | | | | | | | 289,716 |
| | TRKCTDBFP TRK TURBINE BOILER FEED PUMP | 38,569 | | | | | | | 270,306 | | 308,875 |
| | TRKUPGRAD TRK MISC UPGRADES | | | | 3,977 | 16,926 | 85,343 | 80,401 | 65,645 | 65,252 | 317,544 |
| | TRKEXPANJ TRK EMISSION EXPAND JOINT | | | | | | | | | 318,585 | 318,585 |
| | TRKMOTORS TRK MISC MOTORS | 62,511 | 40,124 | 3,475 | 25,703 | 4,166 | 76,900 | 40,201 | 38,615 | 38,384 | 330,078 |
| | TRKGENPLF TRK GENERAL PLATFORMS | | | 76,658 | 96,632 | 174,890 | 163 | | | | 348,343 |
| | TRKVALVES TRK PPB MISC VALVES | 4,374 | | 25,644 | 42,735 | 13,116 | 64,757 | 40,136 | 76,980 | 84,444 | 352,186 |
| | TRKATPNOZ TRK ATTEMPT 1 NOZZLE REPLACE | 366,260 | 2,819 | | | | | | | | 369,079 |
| | TRKMISFAN TRK MISC FANS | | | 8,388 | 18,461 | | | 179,597 | 173,069 | | 379,514 |
| | TURKRAIL2 New Turk Rail Access | | | | | | 428,840 | 1 | | | 428,841 |
| | TRKIDFAN1 TRK ID FAN #1 REBUILD | | | | 459,222 | | | | | | 459,222 |
| | TRKCONDEN TRK CONDENSATE POLISHER RESIN | | | | 293,066 | 3,521 | | | | 172,727 | 469,315 |
| | TRKAHBAS1 TRK #1 AH BASKET REPLACEMENT | | | | | | | 476,883 | | | 476,883 |
| | TRKAHBAS2 TRK #2 AH BASKET REPLACEMENT | | | | | | | 476,883 | | | 476,883 |
| | TRKSILOIN TRK Silo Roof Replacement | | | 479,055 | | | | | | | 479,055 |
| | TRKTOOLSO TRK TOOLS MISC | (770) | | 6,707 | 163,385 | 152,313 | 50,672 | 68,340 | 30,891 | 30,707 | 502,245 |
| | TRKWVPVEN TRK WASTE WTR POND VENT SYSTEM | | | | 505,541 | | | | | | 505,541 |
| | TRKSUBFCH TRK SUBMERGED FLIGHT CHAIN | | | | | | 507,370 | | 75,765 | | 583,135 |
| | TRKREFUND Turk Overhead Refund Co-owners | | 683,422 | | | | | | | | 683,422 |
| | TKARCFLSH Turk Arc Flash Safety Systems | | 662,794 | 31,142 | | | | | | | 693,937 |
| | TRKTBSEAL TRK TURB EXTRACTION CHAMBER SE | | | | | | | | | 698,584 | 698,584 |
| | TRK1PIJFF Pulse Jet Fabric Filter Rplce | | | | 710,990 | | | | | | 710,990 |
| | TRKPLGRZO TRK PLVR GRINDING ZONE REPLACE | | | 18,121 | (979) | 445,805 | (93,195) | 139,744 | 132,034 | 134,343 | 775,874 |
| | TRKCYELEV TRK COAL YARD ELEVATOR CRUSHER | | | | 561,837 | 215,290 | | | | | 777,127 |
| | TRKMSCPPB TRK MISC PPB PROJECTS | 35,885 | 8,966 | 8,409 | 0 | 297,106 | 135,773 | 85,224 | 115,845 | 115,151 | 802,358 |
| | TRKCOALYD TRK MISC COAL EQUIP | 56,254 | (2,317) | 61,580 | 2,099 | 4,015 | 4,809 | | 387,051 | 307,070 | 820,562 |
| | TRKSEALST TRK TURBINE SEAL STRIP | | | | | | | | | 1,036,360 | 1,036,360 |
| | TRKCVBELT TRK COAL CONV BELT REPLACEMENT | | | | 1,119 | 246,137 | 718,984 | 305,742 | | | 1,271,982 |
| | TRK2PIJFF TRK 2 PIJFF BAG REPLACEMENT | | | | | | | | | 1,343,430 | 1,343,430 |
| | TRKCYCRIC TRK CY RECLAIM TUNNEL CRICKETS | | | | | 451,618 | 216,085 | | 598,530 | 307,070 | 1,573,303 |
| | TRKPULVER TRK PULVERIZER WHEEL REPLAC | (7,952) | | 394,413 | 40 | | 203,586 | 346,948 | 334,336 | 326,262 | 1,597,633 |
| | TRKRAILR1 Turk Rail Replacement | | | | 1,651,757 | 26,702 | | | | | 1,678,458 |

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|-------------------------|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|
| | TRKH20PON TRK MAKEUP H2O POND | 2,883 | 1,684,239 | 37,779 | | | | | | | 1,724,901 |
| | TRK1SCR4L SCR Catalyst 4th Layer | | | 666,073 | 1,094,075 | | | | | | 1,760,148 |
| | TRKTRBAVR TRK MAIN & BFP TRB AVR CONT UP | | | | | 304,811 | 1,113,815 | 1,296,928 | | | 2,715,554 |
| | TRKRAILR2 Turk Rail Replacement | | | | | 4,107,310 | (63,424) | | | | 4,043,886 |
| | TRK2LNDFL TRK ACTIVATE 2 LANDFILL | | | 2,122,883 | 3,206,070 | 258,838 | | | | | 5,587,791 |
| | TRKPONDRO Coal Yard Runoff Surge Tanks | 4,578,239 | 2,328,134 | 187,162 | | | | | | | 7,093,535 |
| | TRKRAIL20 Turk Rail Replacement 2020 | | | | | | 126,723 | 4,713,891 | 4,781,160 | 7,360,768 | 16,982,542 |
| Turk Plant Total | | 7,076,189 | 7,102,420 | 4,620,101 | 9,465,848 | 7,103,184 | 4,487,803 | 8,606,771 | 7,582,554 | 13,523,658 | 69,568,528 |
| Welsh Plant | | | | | | | | | | | |
| | WSHCU3020 WSH U3 Rewedge Generator | 204,734 | (211,533) | | | | | | | | (6,799) |
| | WSHCU1058 WSH U1 GSU TRANSFORMER FAILURE | (4,379) | | | | | | | | | (4,379) |
| | WSHCU3099 WSH U3 DIA SOOTBLOWER CTRL SYS | (201) | | | | | | | | | (201) |
| | WSHCU1099 WSH U1 DIA SOOTBLOWER CTRL SYS | 217 | | | | | | | | | 217 |
| | SWE800MHZ 800 MHz BU Comm Equip | | | | | | | 6,274 | | | 6,274 |
| | WSHCU0120 WSH U0 ASH POND LAND ACQUISITIO | | | | | 8,335 | | | | | 8,335 |
| | WSHCU0028 WSH U0 REPL DEMIN CNTRLS | 23,805 | | | | | | | | | 23,805 |
| | WSHCTL010 WSH U0 Truck Lock Control Sys | 36,430 | 1,138 | | | | | | | | 37,568 |
| | WSHCU1025 WSH U1 Turbine Dogbone Exp Jts | | 40,071 | | | | | | | | 40,071 |
| | WSHCU0101 WSH U1 REPL B 4KV SWITCHGEAR | 46,161 | | | | | | | | | 46,161 |
| | WSHCU1102 WSH U1 MILL FOG SWIRL FLOW MTR | | 48,216 | | | | | | | | 48,216 |
| | WSHCU00C1 WSH U0 Conveyor Belt C1 | | 55,389 | 772 | | | | | | | 56,161 |
| | WSHCU3106 WSH U3 Generator Rewind | 19,891 | 43,566 | | | | | | | | 63,457 |
| | WSHCU00B1 WSH U0 Conveyor Belt B1 | | | 64,453 | 1,690 | | | | | | 66,143 |
| | WSHCU3108 WSH U3 SEL 487E RELAY/COMPUTER | | | | | | 69,331 | 536 | | | 69,867 |
| | WSHCU2007 WSH U2 CSP Contractor Labor | 70,161 | | | | | | | | | 70,161 |
| | WSHCU2006 WSH U2 Parts Sox Under 50K | 57,185 | 15,014 | | | | | | | | 72,198 |
| | WSHCU00D2 WSH U0 Conveyor Belt D2 | | 71,776 | 537 | | | | | | | 72,313 |
| | WSHCU00A1 WSH U0 Conveyor Belt A1 | | | 81,780 | 1,967 | | | | | | 83,747 |
| | WSHCU3025 WSH U3 Turbine Dogbone Exp Jts | 83,990 | 1,498 | | | | | | | | 85,488 |
| | WSHCU1108 WSH U1 SEL 487E RELAY/COMPUTER | | | | | | 87,685 | | | | 87,685 |
| | WSHC30092 U3 REPL STATION BATTERIES | | 88,395 | | | | | | | | 88,395 |
| | WSHCU3023 WSH U3 Control PC Upgrade | 53,957 | 33,180 | 3,790 | | | | | | | 90,926 |
| | WSHCPA011 WSH U0 Positioner Arm Falk Gea | | | 86,067 | 5,306 | | | | | | 91,373 |
| | WSHCU1109 WSH U1 SILO BAGS | | | | | | | 56,670 | | 54,111 | 110,781 |
| | WSHCU1104 WSH U1 HIGH ENERGY PIPING | | 113,995 | | | | | | | | 113,995 |
| | WSHCU1023 WSH U1 Control PC Upgrade | 50,939 | 63,359 | 3,896 | | | | | | | 118,194 |
| | WSHCU0000 WSH U0 Lab Equipment | | | 78,657 | | | (23,670) | 23,580 | 21,266 | 20,937 | 120,770 |
| | WSHCU1113 U1 FABRIC FILTER OPACITY MONIT | | | | | 90,558 | 35,523 | | | | 126,082 |
| | WSHCSPM09 WSH U0 Cap Spare - Pump/Motor | | | | | | (177,529) | | 154,884 | 157,025 | 134,380 |
| | WSHCU1008 WSH U1 REPL TRIPPER FLOOR ROOF | 149,457 | | | | | | | | | 149,457 |
| | WSHCU3113 U3 FABRIC FILTER OPACITY MONIT | | | | | 102,660 | 60,496 | | | | 163,155 |
| | WSHCU3109 WSH U3 SILO BAGS | | | | 47,728 | | 63,237 | | 54,435 | | 165,400 |
| | WSHCU0025 WSH U0 RO Membrane | 4,062 | | | | 79,406 | | | 84,252 | | 167,719 |
| | WSHCU0117 WSH U0 TRIPPER CONTROLS | | | | | 170,486 | 1,765 | | | | 172,251 |
| | WSHCU0014 WSH U0 Demin Replace Resins | | | | 207,637 | | | | | | 207,637 |
| | WSHCU0105 WSH U0 VALVE REPLACEMENTS | | | | | | 61,168 | 54,817 | 52,657 | 52,342 | 220,984 |
| | WSHCU0114 WSH U0 CONVEYOR CONTROL SYSTEM | | | 69,556 | 151,996 | 6,725 | | | | | 228,277 |
| | WSHCU3004 WSH U3 Replace Clinker Grinder | | | 59,107 | 180,462 | | | | | | 239,569 |
| | WSHCU3030 WSH U3 Platforms | | 92,879 | (11,597) | 35,955 | 39,891 | 24,680 | 21,926 | 21,063 | 20,937 | 245,734 |
| | WSHCU3012 WSH U3 WASH WTR & FOGGING NOZZ | 240,243 | 11,465 | | | | | | | | 251,708 |
| | WSHCU1004 WSH U1 Replace Clinker Grinder | | | 6,424 | 66,014 | 183,892 | | | | | 256,330 |

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|----------|--|----------|-----------|-----------|---------|---------|---------|---------|-----------|-----------|-------------|
| | WSHCU3111 BYPRODUCT DRY UNLOADING SYS | | | 149,531 | 98,369 | 16,668 | | | | | 264,568 |
| | WSHCU0106 WSH U0 CAPITAL INSTRUMENTATION | | | | 43,416 | 4,495 | 61,189 | 54,817 | 52,657 | 52,342 | 268,916 |
| | 000021643 WSH0 Winston Pond Reline (CCR) | | | | | | 274,799 | | | | 274,799 |
| | WSHCU0030 WSH U0 Platforms | 3,623 | 24 | | 52,523 | 3,048 | 61,168 | 54,817 | 52,657 | 52,342 | 280,202 |
| | WSHCU0007 WSH U0 CSP Contractor Labor | | | | | | 47,833 | 83,122 | 79,311 | 78,512 | 288,778 |
| | WSHCU0102 WSH U0 COAL YARD CONVEYOR BELT | | | | 86,231 | 1,898 | | | 105,314 | 104,683 | 298,126 |
| | WSHCU0009 WSH U0 Ultra Filter Membranes | | 129,741 | | | 169,761 | | | | | 299,502 |
| | WSHCU0108 WSH U0 CAPITAL MOTOR REWINDS | | | 42,194 | 31,293 | 5,165 | 61,168 | 54,817 | 52,657 | 52,342 | 299,636 |
| | WSHCU1110 WSH U1 BYPRODUCT DRY UNLOADING | | | 147,925 | 128,123 | 26,338 | | | | | 302,386 |
| | WSHCU1030 WSH U1 Platforms | 2,063 | 63,543 | 22,676 | 8,416 | 113,696 | 108,284 | 21,683 | 7,236 | 7,328 | 354,926 |
| | WSHCU0098 WSH U0 TRACTOR SHOP | 394,000 | (25,509) | | | | | | | | 368,491 |
| | WSHCU3028 WSH U3 Capital Motor Rewinds | | | 10,539 | 7,492 | 43,770 | 115,505 | 108,566 | 53,165 | 52,342 | 391,379 |
| | WSHCU1063 WSH U1 CO2 MILL INERTING | 231,473 | 174,786 | | | | | | | | 406,259 |
| | WSHCU1111 WSH U1 AIRHEATER SOOTBLOWER SY | | | 126,094 | 282,897 | | | | | | 408,991 |
| | WSHCU1010 WSH U1 Environmental Blanket | | | | | | | | 210,628 | 209,367 | 419,995 |
| | WSHCU0042 WSH U0 COAL YARD 4KV FEED JH | | | | | 363,803 | 62,823 | | | | 426,627 |
| | WSHCU0103 WSH U0 COAL YARD MOTORS | | | | 9,830 | 134,724 | | 109,637 | 105,314 | 104,683 | 464,188 |
| | WSHCU3063 WSH U3 CO2 MILL INERTING | 495,559 | (23,954) | | | | | | | | 471,605 |
| | WSHCU1107 WSH U1 CAPITAL INSTRUMENTATION | | | | 154,747 | 4,313 | 91,754 | 82,226 | 78,987 | 78,512 | 490,539 |
| | WSHCU3110 WSH U3 CAPITAL INSTRUMENTATION | | | | 160,033 | 13,047 | 91,754 | 82,226 | 78,987 | 78,512 | 504,559 |
| | WSHCU3112 WSH U3 AIRHEATER SOOTBLOWER SY | | | 126,094 | 397,271 | | | | | | 523,365 |
| | WSHCU1007 WSH U1 CSP Contractor Labor | | 8,186 | 9,016 | 34,090 | 96,632 | 92,290 | 82,226 | 105,314 | 104,683 | 532,436 |
| | WSHCU1028 WSH U1 Capital Motor Rewinds | (22,397) | 87,889 | | 96,850 | 35,495 | 130,892 | 107,521 | 51,101 | 52,342 | 539,691 |
| | WSHCU1049 WSH U1 Expansion Joints Boiler | 0 | 8,191 | 89,890 | 8,569 | 30 | 122,338 | 109,637 | 105,314 | 104,683 | 548,652 |
| | WSHCU0113 WSH U0 CCR RULE GW WELLS | 35,971 | 50,209 | 465,088 | 268 | | | | | | 551,537 |
| | WSHCU0104 WSH U0 COAL YARD GEARBOXES | | | | 228,040 | 4,546 | | 109,637 | 105,314 | 104,683 | 552,220 |
| | 000019934 WSH U0 316(b) | | | | | | | | | 597,560 | 597,560 |
| | WSHCU0107 WSH U0 PUMP REPLACE/OVERHAUL | | | | 225,746 | 124,551 | 104,267 | 54,817 | 52,657 | 52,342 | 614,380 |
| | WSHCCHS16 WSH U0 Coal Handling System | | | | | | | 76,745 | 555,821 | | 632,566 |
| | WSHCU3029 WSH U3 Valve Replacement | 68,632 | 73,272 | 187,344 | 19,824 | 46,823 | 142,109 | 109,637 | 53,165 | 52,342 | 753,148 |
| | WSHCU1029 WSH U1 Valve Replacement | 59,972 | 96,764 | 32,806 | (5,285) | 317,600 | 146,657 | 53,351 | 51,124 | 52,342 | 805,331 |
| | WSHCU3049 WSH U3 Expansion Joints Boiler | | 63,564 | 244,303 | 53,552 | 19,741 | 143,198 | 109,637 | 105,314 | 104,683 | 843,992 |
| | WSHCU3053 WSH U3 Pump Rep/Cap Overhaul | 143,840 | 29,303 | 12,909 | 15,837 | 309,445 | 9,120 | 137,509 | 128,546 | 125,620 | 912,129 |
| | WSHCU1103 WSH U1 GSU TRANSFORMER REPLACE | | | 190,428 | 789,071 | | | | | | 979,499 |
| | WSHCU3059 WSH U3 AH Bask Interm Hot End | | 1,091,143 | (61,579) | | | | | | | 1,029,564 |
| | WSHCU3007 WSH U3 CSP Contractor Labor | 229,379 | 305,604 | 31 | 158,501 | 30,636 | 61,296 | | 126,378 | 125,620 | 1,037,445 |
| | WSHCU1059 WSH U1 AH Bask Interm Hot End | | 1,049,543 | 23,514 | | | | | | | 1,073,056 |
| | WSHCU0015 WSH U3 G FW Heater Replacement | | | | | | | | | 1,111,758 | 1,111,758 |
| | WSHCU0CBK WSH CAP BANK 4KV Switchgr Rpl | | | 383,058 | 753,253 | | | | | | 1,136,310 |
| | WSHCU1114 U1 BURNER INNER ASSEMBLE WEST | | | | | | | | | 1,179,664 | 1,179,664 |
| | WSHCU1101 U1 BURNER INNER ASSEMBLE EAST | | | | | | | | 1,186,779 | | 1,186,779 |
| | WSHCU1053 WSH U1 Pump Rep/Cap Overhaul | 109,493 | 176,022 | 3,498 | 88,177 | 369,974 | 101,835 | 129,467 | 123,223 | 125,620 | 1,227,310 |
| | WSHCU0112 WSH U0 COAL HANDLING 4KV REPL | 6,278 | 392,728 | 1,071,469 | 25,912 | | | | | | 1,496,387 |
| | WSHCU0024 WSH U0 Small Tools | 271,030 | 218,869 | 300,782 | 156,427 | 173,307 | 276,179 | 82,226 | 78,987 | 78,512 | 1,636,318 |
| | WSHCU0003 WSH U0 Parts Sox Under 50K | 512,116 | 307,305 | 423,986 | 127,218 | 51,897 | 122,551 | | 104,653 | 104,683 | 1,754,409 |
| | WSHCU3003 WSH U3 Parts Sox Under 50K | 191,591 | 375,494 | 374,876 | 330,299 | 49,255 | 167,456 | 164,456 | 105,314 | 104,683 | 1,863,424 |
| | WSHCU1060 WSH U1 Turbine Major Capital | 607,215 | 1,290,654 | | | | | | | | 1,897,869 |
| | WSHCU1003 WSH U1 Parts Sox Under 50K | 464,729 | 165,410 | 90,200 | 390,161 | 311,827 | 254,339 | | 157,969 | 157,025 | 1,991,660 |
| | WSHCU1005 WSH U1 Pulv Cmpnt Changeout | 77,666 | | 338,714 | 751,557 | 599,079 | 5,399 | | 263,284 | 261,708 | 2,297,407 |
| | WSHCU1100 WSH U1 BAG REPL BAGHOUSE | | | | | | | | | 2,355,375 | 2,355,375 |

SOUTHWESTERN ELECTRIC POWER COMPANY
Fossil Capital Expenditures
Historical, Present and Projected

| Location | Project Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Grand Total |
|--------------------------|--|--------------------|-------------------|-------------------|-------------------|------------------|------------------|-------------------|-------------------|-------------------|--------------------|
| | WSHCU3100 WSH U3 BAG REPL BAGHOUSE | | | | | | | | 2,368,855 | | 2,368,855 |
| | WSHCU3060 WSH U3 Turbine Major Capital | 1,913,294 | 540,566 | | | | | | | | 2,453,860 |
| | WSHCU3102 WSH U3B 4-kV Switchgear Repl | 368 | 659,466 | 1,751,401 | 45,655 | | | | | | 2,456,890 |
| | WSHCU3005 WSH U3 Pulv Cmpnt Changeout | 316,586 | 752,072 | (1,746) | 295,699 | 594,955 | 3,641 | | 263,284 | 261,708 | 2,486,199 |
| | WSHCU3105 WSH U3 Generator Rewind | 996,337 | 2,044,946 | | | | | | | | 3,041,283 |
| | WSHCU3101 WSH U3 REPL A C 4KV SWITCHGE | 974,132 | 2,633,712 | (133,063) | | | | | | | 3,474,780 |
| | WSHCU1105 WSH U1 GENERATOR SPARE COILS | | | 3,626,265 | 636,632 | | | | | | 4,262,897 |
| | WSHCU0019 WSH U0 Coal Car Dumper Replace | | | 826,628 | 3,483,583 | 643,517 | | | | | 4,953,728 |
| | WWSHPPBNB WSH Capital Non-Budgeted | 1,079,814 | 329,649 | 633,307 | 722,120 | 1,579,374 | 35,181 | 37,276 | 263,284 | 444,904 | 5,124,908 |
| | 000020364 WSH U0 DBA Conversion | | 442,970 | 564,675 | 111,701 | 494,396 | 6,282,823 | 19,286,509 | 15,680,840 | 7,583,279 | 50,447,192 |
| | WSHENVENG WSH U0 ACI / FF / Chimney | 178,310,911 | 50,900,761 | 1,330,847 | (14,176) | | | | | | 230,528,342 |
| Welsh Plant Total | | 188,510,324 | 64,881,328 | 13,847,139 | 11,688,677 | 7,435,761 | 9,380,533 | 21,466,365 | 23,301,990 | 16,422,136 | 356,934,253 |
| Wilkes Plant | WLKCI3009 U3 REPLACE ARCH INS ORIFICES | (7,132) | | | | | | | | | (7,132) |
| | WLKC20021 U2 REPLACE CO2 ANALYZER | (1,595) | | | | | | | | | (1,595) |
| | WLKC10028 REPLACE CO2 ANALYZER | (1,406) | | | | | | | | | (1,406) |
| | WLKC12014 REPLC CABLE BTW U1 & U2 SW GR | (255) | | | | | | | | | (255) |
| | WLKC20035 U2 REPLACE FD FAN BEARINGS | (16,287) | 16,287 | | | | | | | | (0) |
| | WLKC10031 U1 RETUBE AIR EJECTOR | 91 | | | | | | | | | 91 |
| | WLKC10024 U1 BOILER SAFETY VALVES | 489 | | | | | | | | | 489 |
| | WLKC00053 OFFICE BUILDINGS | 887 | | | | | | | | | 887 |
| | WLKC00114 REPL TRANSFORMER AT LODGE | | | | 2,927 | (12) | | | | | 2,915 |
| | WLKC10021 U1 WATER ANALYZER PROJECT | 3,046 | | | | | | | | | 3,046 |
| | WLKC30045 U3 INSTALL HYDROGEN SAMPLE PAN | | | | 2,989 | 306 | 54 | | | | 3,349 |
| | WLKC20051 U2 INSTALL HYDROGEN SAMPLE PAN | | | | 4,314 | 3 | | | | | 4,317 |
| | SWE800MHZ 800 MHz BU Comm Equip | | | | | | | 6,274 | | | 6,274 |
| | WLKC10026 U1 CWP EXPANSION JOINTS | | 8,314 | | | | | | | | 8,314 |
| | WLKC10051 U1 INSTALL HYDROGEN SAMPLE PAN | | | | 8,593 | 5 | | | | | 8,599 |
| | WLKC30044 U3 REWIND TDBFP AUX OIL PUMP M | | | | 5,977 | 4 | | 5,438 | | | 11,419 |
| | WLKC20025 U2 WATER ANALYZER PROJECT | 13,076 | 806 | | | | | | | | 13,882 |
| | WLKC00109 CEMS PROCESS LOGGER REPL | | | 16,241 | (38) | | | | | | 16,204 |
| | WLKC30035 U3 CEMS DATA CONTROLLER REPL | | | 17,832 | (41) | | | | | | 17,791 |
| | WLKC20045 U2 CEMS DATA CONTROLLER REPL | | | 17,913 | (42) | | | | | | 17,871 |
| | WLKC10047 U1 CEMS DATA CONTROLLER REPL | | | 18,305 | (43) | | | | | | 18,263 |
| | WLKC00119 REPLACE ALL CABIN WINDOWS | | | | | 17,259 | 1,543 | | | | 18,802 |
| | WLKC30046 U3 REPL HYDROGEN PANEL ANNUNCI | | | | 12,936 | 6,559 | (452) | | | | 19,043 |
| | WLKC00116 REPLACE LODGE FLOOR | | | | 23,391 | (898) | (584) | | | | 21,909 |
| | WLKC00104 REPLACE CENTRIFUGE | 17,380 | 4,758 | | | | | | | | 22,138 |
| | WLKC10054 U1 REPLACE BLACKSTART BATTERY | | | | | 21,823 | 362 | | | | 22,185 |
| | WLKC20052 U2 REPL HYDROGEN PANEL ANNUNCI | | | | 13,679 | 9,103 | | | | | 22,782 |
| | WLKC10049 U1 A STATOR OIL PUMP SHAFT REP | | | 22,794 | 307 | | | | | | 23,101 |
| | WLKC30019 U3 WATER ANALYZER PROJECT | 23,212 | | | | | | | | | 23,212 |
| | WLKC20057 U2 BECK DRIVE FOR MDBFP | | | | | | | 26,675 | | | 26,675 |
| | WLKC10052 U1 REPL HYDROGEN PANEL ANNUNCI | | | | 13,137 | 14,345 | (277) | | | | 27,205 |
| | WLKC00115 U0 INTRASITE COMMUNICATION INS | | | | 18,488 | 10,909 | | | | | 29,397 |
| | WLKC30051 U3 BECK DRIVE FOR MDBFP | | | | | | | 29,856 | | | 29,856 |
| | WLKC30036 U3 INSTALL NEW ROOF U3 BOILER | | | 44,208 | 45 | | | | | | 44,252 |
| | WLKC01017 U0 REPLACE FIRE PUMP BOWL | | | | 45,595 | | | | | | 45,595 |
| | WLKC30026 U3 REPLACE 3B FD FAN BEARINGS | 46,719 | | | | | | | | | 46,719 |
| | WLKC30047 U3 REPLACE CEMS EQUIPMENT | | | | 184 | 47,947 | | | | | 48,131 |
| | WLKC00107 GEN SHAFT GROUNDING EQUIPMENT | | 41,025 | 6,060 | 2,194 | | | | | | 49,279 |

SOUTHWESTERN ELECTRIC POWER COMPANY
Fossil Capital Expenditures
Historical, Present and Projected

| Location | Project Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Grand Total |
|----------|--|---------|----------|---------|----------|---------|---------|------|---------|---------|-------------|
| | WLKC20044 U2 TRANSFORMER REPLACEMENT | | | 50,619 | | | | | | | 50,619 |
| | WLKC20039 U2 RETUBE LUBE OIL COOLERS | | | | | | | | | 52,342 | 52,342 |
| | WLKC10043 U1 A MDBFP DISCHARGE VALVE | | 52,512 | | | | | | | | 52,512 |
| | WLKC10042 U1 REPL GAS LINE COMPONENTS | | 36,916 | | 15,750 | | | | | | 52,666 |
| | WLKC20053 U2 REPLACE CEMS EQUIPMENT | | | | 184 | 53,157 | | | | | 53,342 |
| | WLKC20031 U2 DUCT EXPANSION JOINTS | 54,374 | 41 | | | | | | | | 54,415 |
| | WLKC00111 U0 WILKES PI SERVERS INSTALL | | | 38,371 | 3,254 | 12,839 | | | | | 54,464 |
| | WLKC20040 U2 REPL GAS LINE COMPONENTS | | 52,086 | 2,981 | | | | | | | 55,067 |
| | WLKC00117 U0 DEMIN RESIN REPLACEMENT | | | | | 23,896 | 394 | | | 31,405 | 55,695 |
| | WLKC30030 U3 REPL GAS LINE COMPONENTS | | 47,964 | 9,957 | | | | | | | 57,921 |
| | WLKC30039 U3 REPL CONDENSER EXP JOINT | | | | 62,726 | (1,736) | | | | | 60,990 |
| | WLKC10036 U1 REPLACE INSULATION HRH-INSP | 95,681 | (32,887) | | | | | | | | 62,794 |
| | WLKC20029 U2 TDBFP PUMP ELEMENT REPLMNT | 63,888 | 5,323 | | | | 69,847 | | | | 69,211 |
| | WLKC00120 U0 RO MEMBRANE REPLACEMENT | | | | | | | | | | 69,847 |
| | WLKC30029 U3 RETUBE LUBE OIL COOLERS | | 71,711 | | | | | | | | 71,711 |
| | WLKC10029 U1 REPLACE STATION BATTERIES | 74,432 | | | | | | | | | 74,432 |
| | WLKC10030 U2/3 REPLACE STATION BATTERIES | 82,726 | | | | | | | | | 82,726 |
| | WLKC00110 REPLACE LODGE & CABINS ROOFS | | | 101,282 | (10,675) | | | | | | 90,608 |
| | WLKC00118 U0 PAVE PLANT ROAD ENTRANCE | | | | | 80,000 | 12,323 | | | | 92,323 |
| | WLKC10044 U1 RAT TRANSFORMER BUSH REPLAC | | 92,595 | 16 | | | | | | | 92,611 |
| | WLKC30028 U3 REPLACE INSULATION HRH-INSP | 70,229 | 23,512 | | | | | | | | 93,741 |
| | WLKC00068 INSTALL WEIR GATE | | | 34,879 | 68,827 | | | | | | 103,706 |
| | WLKC20038 U2 RETUBE MAIN TRB LUB OIL COO | 104,265 | 230 | | | | | | | | 104,496 |
| | WLKC20037 U2 REPLACE INSULATION HRH-INSP | 108,161 | (2,676) | | | | | | | | 105,484 |
| | WLKC10046 U1 COMBUSTIBLE ANALYZER REPLAC | | 69,814 | 37,980 | 131 | | | | | | 107,925 |
| | WLKC01001 PLANT ELEVATOR UPGRADE | 119,808 | | | | | | | | | 119,808 |
| | WLKC30038 U3 COMBUSTIBLE ANALYZER REPLAC | | | | 105,958 | 14,029 | | | | | 119,986 |
| | WLKC30053 U3 MDBFP MOTOR ROTOR REBAR/REW | | | | | 14,608 | 105,421 | | | | 120,029 |
| | WLKC30052 U3 COMB TEMP VAL CTRL CABINETS | | | | | 2,226 | 120,747 | | | | 122,972 |
| | WLKC10037 U1 TRAVELING SCREEN REPLACE | 127,992 | 80 | | | | | | | | 128,072 |
| | WLKC10039 U1 H2 COLLER RE-TUBE | 129,816 | 59 | | | | | | | | 129,875 |
| | WLKC30021 U3 BOILER DUCT EXPANSION JOINT | 78,846 | 60,189 | | | | | | | | 139,035 |
| | WLKC20047 U2 COMBUSTIBLE ANALYZER REPLAC | | | | 138,049 | 1,100 | | | | | 139,149 |
| | WLKC20043 U2 TRAVEL SCREEN REPLACEMENT | | 150,008 | | | | | | | | 150,008 |
| | WLKC10053 U1 REPLACE CEMS EQUIPMENT | | | | 140,490 | 19,725 | (2,177) | | | | 158,038 |
| | WLKC10050 U1 BFP SHAFT REPLACE | | | 147,740 | 10,471 | | | | | | 158,211 |
| | WLKC00105 PLATFORMS | 46,599 | 150,889 | 19,466 | 1,807 | 16 | | | | | 218,777 |
| | WLKC00100 REPLACE UPS | 224,833 | (2,798) | | | | | | | | 222,035 |
| | 000019937 Wilkes U0 316(b) | | | | | | | | | 239,073 | 239,073 |
| | WLKC10025 U1 DUCT EXPANSION JOINTS | 135,165 | 66,295 | 40,890 | (46) | | | | | | 242,303 |
| | WLKCI3015 U3 BURNER MANAGEMENT SYS RPL | | | | | | | | 261,632 | | 261,632 |
| | WLKCI2020 U2 DAS REPLACEMENT | | | | | | | | | 261,708 | 261,708 |
| | WLKC00108 BLEACH SYSTEM FOR LAKE WATER | | | 134,253 | 144,697 | | | | | | 278,950 |
| | WLKCI3007 Wilkes U3 RETUBE E FW HTR | | 1,570 | 285,785 | | | | | | | 287,355 |
| | WLKC00007 Miscellaneous Tools | 78,662 | 192,595 | 21,832 | | | | | | | 293,089 |
| | WLKC20003 U2 Retube B FW Htr | | | | 168,824 | 164,699 | | | | | 333,523 |
| | WLKCI3011 RETUBE WILKES U3 F HP HEATER | 2,475 | 334,790 | 5,051 | | | | | | | 342,316 |
| | WLKC10033 U1 FLAME DETECTION | | | 344,476 | 447 | | | | | | 344,923 |
| | WLKC00106 WLK CATHODIC PROT NAT GAS LINE | | | 298,757 | 25,690 | 23,949 | | | | | 348,397 |
| | WLKC10048 U1 HYDROGEN SUPPLY SYS REPL | | | 4,604 | 233,555 | 202,514 | 7,298 | | | | 447,972 |

SOUTHWESTERN ELECTRIC POWER COMPANY
Fossil Capital Expenditures
Historical, Present and Projected

| Location | Project Description | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Grand Total |
|---------------------------|--|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|----------------------|
| | WLKCI3020 U3 DAS REPLACEMENT | | | | | | | | 523,264 | | 523,264 |
| | WLKCI3017 U3 ANNUNCIATOR PANEL | | | | | | | | 523,264 | | 523,264 |
| | WLKCI2015 U2 ANNUNCIATOR PANEL | | | | | | | | | 523,417 | 523,417 |
| | WLKCI2007 U2 TURBINE VIBRATION SYS RPL | | | | | | | 539,443 | | | 539,443 |
| | WLKCI1007 U1 ANNUNCIATOR PANEL | | | | | | | | 562,354 | | 562,354 |
| | WLKCI1003 U1 GENERATOR RETAINING RINGS | 693,774 | 12,370 | | | | | | | | 706,144 |
| | WLKCI1004 WLK1 TSI Replacement | | 3,613 | 875,404 | (42,212) | | | | | | 836,805 |
| | WLKCI3012 U3 TURBINE VIBRATION SYS RPL | | | | | | 927,708 | | | | 927,708 |
| | WLKCI1002 WLK1 HPRHLP TURBINE OVERHAUL | | | 1,049,989 | (75,592) | | | | | | 974,397 |
| | WLKCI3013 U3 B Transformer GSU | | | | | | 1,183,524 | | | | 1,183,524 |
| | WLKC00004 Miscellaneous Tools and Equip | 322,075 | 338,180 | 228,813 | 236,544 | 306,853 | (63,388) | | 104,462 | 104,683 | 1,578,221 |
| | WLKCI2021 U2 GENERATOR ROTOR REWIND | | | | | | | 2,134,037 | | | 2,134,037 |
| | WLKC30043 U3 RETAINING RING REPLACEMENT | | | | | | 2,367,005 | | | | 2,367,005 |
| | WLKCI3019 U3 TURBINE CONTROLS | | | | | 504,532 | 2,109,615 | | | | 2,614,147 |
| | WLKCI2018 U2 TURBINE CONTROLS | | | | | | 1,646,069 | 1,128,519 | | | 2,774,588 |
| | WLKCI0101 Replace Wilkes U0 Cooling Towr | 5,085,162 | 28,909 | | | | | | | | 5,114,071 |
| | WLKCI3004 U3 SHRH Outlet BNKHDR Replc | | 2,761,420 | 4,090,941 | 1,938 | | | | | | 6,854,298 |
| | WLKCI2004 U2 SHRH Outlet BNKHDR Repl | | 3,698 | 3,058,927 | 3,826,510 | | | | | | 6,889,135 |
| Wilkes Plant Total | | 7,777,187 | 4,590,197 | 11,026,363 | 5,211,919 | 1,549,762 | 8,485,034 | 3,870,242 | 1,974,976 | 1,212,628 | 45,698,308 |
| Grand Total | | 315,589,757 | 142,132,988 | 92,341,989 | 87,725,935 | 65,017,464 | 60,876,573 | 93,570,276 | 114,427,002 | 126,788,279 | 1,098,470,264 |

SOUTHWESTERN ELECTRIC POWER COMPANY
Nuclear Unit Outage History
For the Test Year Ended March 31, 2020

This information is not applicable to Southwestern Electric Power Company

SOUTHWESTERN ELECTRIC POWER COMPANY
Nuclear Unit Outage Data
For the Test Year Ended March 31, 2020

This information is not applicable to Southwestern Electric Power Company

SOUTHWESTERN ELECTRIC POWER COMPANY
Nuclear Unit Outage Planning
For the Test Year Ended March 31, 2020

This information is not applicable to Southwestern Electric Power Company

**SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT FORCED OUTAGE HISTORY
RECONCILIATION PERIOD MARCH 1, 2017 - MARCH 31, 2020**

| Unit | Event Start | Event End | Event Duration (hrs) | Event Description |
|----------------|-------------|-----------|----------------------|--|
| Arsenal Hill 5 | REDACTED | REDACTED | 59 05 | # 5 Boiler tube leak in economizer section |
| Arsenal Hill 5 | REDACTED | REDACTED | 83.65 | Economizer tube leak. |
| Arsenal Hill 5 | REDACTED | REDACTED | 54 22 | due to DC lube oil pump relay coil failure on control board |
| Arsenal Hill 5 | REDACTED | REDACTED | 62 62 | Conflict with Stall work |
| Arsenal Hill 5 | REDACTED | REDACTED | 87.03 | Condenser Tube Leak. Plugged 27 tube leaks |
| Arsenal Hill 5 | REDACTED | REDACTED | 6.72 | STG speed changer stuck open and demand went to zero |
| Arsenal Hill 5 | REDACTED | REDACTED | 63 20 | Unit trip - loss of water seal to the turbine |
| Arsenal Hill 5 | REDACTED | REDACTED | 52.73 | Vacuum trip coil & linkage broken inside turbine oil tank. Need to drain lube oil tank to fix the linkage. |
| Arsenal Hill 5 | REDACTED | REDACTED | 3 80 | Both BFP strainers stopped up with debris |
| Arsenal Hill 5 | REDACTED | REDACTED | 24 00 | Condenser water box door latch not secure |
| Arsenal Hill 5 | REDACTED | REDACTED | 23.97 | Condenser water box door latch not secure |
| Arsenal Hill 5 | REDACTED | REDACTED | 54 00 | Water Chemistry |
| Arsenal Hill 5 | REDACTED | REDACTED | 48.78 | Condenser Tube Leaks (3) |
| Arsenal Hill 5 | REDACTED | REDACTED | 82.52 | Condenser tube leak (Plugged 13 tubes in A side) |
| Arsenal Hill 5 | REDACTED | REDACTED | 47.65 | Condenser Tube Leaks (32 on A side and 10 on B side) |
| Arsenal Hill 5 | REDACTED | REDACTED | 55 80 | Mud drum drain and economizer inlet line leaks following a chemical cleaning |
| Arsenal Hill 5 | REDACTED | REDACTED | 1 83 | Covid - 19, personnel cleaning control room. |
| Dolet Hills 1 | REDACTED | REDACTED | 8.25 | Fire protection system instrumentation and controls |
| Dolet Hills 1 | REDACTED | REDACTED | 11.00 | Primary air heater |
| Dolet Hills 1 | REDACTED | REDACTED | 53 82 | Service air compressors |
| Dolet Hills 1 | REDACTED | REDACTED | 3 65 | Clogged oil Pressure switch |
| Dolet Hills 1 | REDACTED | REDACTED | 924.47 | Lack of fuel (coal mines, water, river, gasoline) |
| Dolet Hills 1 | REDACTED | REDACTED | 1921.00 | Lack of fuel (coal mines, water, river, gasoline) |
| Dolet Hills 1 | REDACTED | REDACTED | 179 48 | Main transformer |
| Dolet Hills 1 | REDACTED | REDACTED | 38 95 | Unit auxiliaries transformer |
| Dolet Hills 1 | REDACTED | REDACTED | 41.85 | Lightning |
| Dolet Hills 1 | REDACTED | REDACTED | 2047 92 | Lack of fuel (coal mines, water, river, gasoline) |
| Dolet Hills 1 | REDACTED | REDACTED | 48.52 | Economizer B |
| Dolet Hills 1 | REDACTED | REDACTED | 3.15 | Feedwater pump problems |
| Dolet Hills 1 | REDACTED | REDACTED | 26.87 | Air heater (regenerative) |
| Dolet Hills 1 | REDACTED | REDACTED | 6 12 | Filter clogged on TDBFP oil system |
| Dolet Hills 1 | REDACTED | REDACTED | 39.10 | Air heater (regenerative) |
| Dolet Hills 1 | REDACTED | REDACTED | 1220 35 | Lack of fuel (coal mines, water, river, gasoline) |
| Dolet Hills 1 | REDACTED | REDACTED | 8.25 | Boiler |
| Dolet Hills 1 | REDACTED | REDACTED | 20.17 | Other desuperheater/attenuator problems |
| Dolet Hills 1 | REDACTED | REDACTED | 7 48 | Other miscellaneous steam turbine problems |
| Dolet Hills 1 | REDACTED | REDACTED | 43 68 | Primary air heater |
| Dolet Hills 1 | REDACTED | REDACTED | 34 25 | Drums and drum internals (single drum only) |
| Dolet Hills 1 | REDACTED | REDACTED | 16.85 | Air heater (regenerative) |
| Flint Creek 1 | REDACTED | REDACTED | 144 80 | #4 control valve will not shut. |
| Flint Creek 1 | REDACTED | REDACTED | 2.73 | Water chemistry |
| Flint Creek 1 | REDACTED | REDACTED | 213 68 | Tube Leak |
| Flint Creek 1 | REDACTED | REDACTED | 134.35 | Failure of PSH inlet drain line |

**SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT FORCED OUTAGE HISTORY
RECONCILIATION PERIOD MARCH 1, 2017 - MARCH 31, 2020**

| Unit | Event Start | Event End | Event Duration (hrs) | Event Description |
|---------------|-------------|-----------|----------------------|--|
| Flint Creek 1 | REDACTED | REDACTED | 53.22 | Control Issues |
| Flint Creek 1 | REDACTED | REDACTED | 6.98 | Arc Flash fault on MCC - during test |
| Flint Creek 1 | REDACTED | REDACTED | 29.35 | Main Breaker 4 K Main Bus |
| Flint Creek 1 | REDACTED | REDACTED | 5.03 | Main Steam Temperatures |
| Flint Creek 1 | REDACTED | REDACTED | 40.67 | Suction leak on Feed H2O Pump |
| Flint Creek 1 | REDACTED | REDACTED | 6.77 | Fuel Oil Leak and Fuel Oil Transmitter Failure |
| Flint Creek 1 | REDACTED | REDACTED | 101.68 | Drum Level |
| Flint Creek 1 | REDACTED | REDACTED | 114.23 | Economizer Tube Leak |
| Flint Creek 1 | REDACTED | REDACTED | 97.57 | DCS - card fault |
| Flint Creek 1 | REDACTED | REDACTED | 22.42 | Control system issues |
| Flint Creek 1 | REDACTED | REDACTED | 2.95 | Planned Outage Continuation |
| Flint Creek 1 | REDACTED | REDACTED | 6.17 | Fault on Module Card on DCS Controls |
| Flint Creek 1 | REDACTED | REDACTED | 13.73 | Swapping Main Condenser Vacuum Pumps caused the trip |
| Flint Creek 1 | REDACTED | REDACTED | 7.57 | Change out resin in Stator Water Deionizer |
| Flint Creek 1 | REDACTED | REDACTED | 16.28 | "A" ID Fan - high Thrust Bearing metal temperature |
| Flint Creek 1 | REDACTED | REDACTED | 32.48 | Main Steam Temperature. |
| Flint Creek 1 | REDACTED | REDACTED | 99.95 | Economizer tube leak |
| Knox Lee 5 | REDACTED | REDACTED | 4.85 | Gas Pressure Control Issues |
| Knox Lee 5 | REDACTED | REDACTED | 15.35 | Gas control issue |
| Knox Lee 5 | REDACTED | REDACTED | 138.23 | Found a Tube Leak in #5 West Turbine Oil Cooler that put lots of Water into Turbine Oil Tank |
| Knox Lee 5 | REDACTED | REDACTED | 0.93 | Oil Controlling Valve and Oil Leak at the Motor Driven Boiler Feedpump |
| Knox Lee 5 | REDACTED | REDACTED | 21.25 | Boiler Rear Wall Skin Casing Crack |
| Knox Lee 5 | REDACTED | REDACTED | 155.97 | Tube Leak |
| Knox Lee 5 | REDACTED | REDACTED | 12.68 | Stop Valve Position Indicator Issues |
| Knox Lee 5 | REDACTED | REDACTED | 112.33 | Tube Leak |
| Knox Lee 5 | REDACTED | REDACTED | 1.85 | Start up failure due to burner issues |
| Knox Lee 5 | REDACTED | REDACTED | 1.45 | Turbine Vibrations |
| Knox Lee 5 | REDACTED | REDACTED | 474.82 | Tube leak |
| Knox Lee 5 | REDACTED | REDACTED | 910.80 | Expansion Joint Leak on Condenser Discharge |
| Knox Lee 5 | REDACTED | REDACTED | 4.18 | No station power available Transmission looking to repair issue |
| Lieberman 3 | REDACTED | REDACTED | 94.48 | tube leak |
| Lieberman 3 | REDACTED | REDACTED | 91.80 | Circ water leak on the discharge tunnel |
| Lieberman 3 | REDACTED | REDACTED | 599.58 | Inspect and repair boiler tube leak. |
| Lieberman 3 | REDACTED | REDACTED | 7.82 | EGT repairs |
| Lieberman 3 | REDACTED | REDACTED | 17.17 | Gas Limitations |
| Lieberman 3 | REDACTED | REDACTED | 5.70 | 138 KV line work 1602 c and d disconnects for gen breakers |
| Lieberman 3 | REDACTED | REDACTED | 38.50 | Enable Gas Transmission Force Majeure |
| Lieberman 3 | REDACTED | REDACTED | 240.00 | Steam Leak Drain Piping replacement |
| Lieberman 3 | REDACTED | REDACTED | 312.28 | Intercept Stop Valve Problem |
| Lieberman 3 | REDACTED | REDACTED | 36.97 | High Pressure Drain Line Blew out |
| Lieberman 3 | REDACTED | REDACTED | 15.13 | Faulty Insulator on the Transformer in the switchyard. |
| Lieberman 3 | REDACTED | REDACTED | 0.43 | loss of burners |

**SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT FORCED OUTAGE HISTORY
RECONCILIATION PERIOD MARCH 1, 2017 - MARCH 31, 2020**

| Unit | Event Start | Event End | Event Duration (hrs) | Event Description |
|-------------|-------------|-----------|----------------------|---|
| Lieberman 3 | REDACTED | REDACTED | 29.68 | Gland Seal Float Pump Motor |
| Lieberman 3 | REDACTED | REDACTED | 207.00 | Low lube oil pressure |
| Lieberman 3 | REDACTED | REDACTED | 7.10 | <OMC!> Plant lost power |
| Lieberman 4 | REDACTED | REDACTED | 69.75 | The LH Intercept valve will not stay in the open position and is continually tripping closed. Could not keep the Unit stable. |
| Lieberman 4 | REDACTED | REDACTED | 122.78 | Tube Leak |
| Lieberman 4 | REDACTED | REDACTED | 91.80 | Circ water leak on the discharge tunnel |
| Lieberman 4 | REDACTED | REDACTED | 35.83 | To inspect and repair economizer for leaks. |
| Lieberman 4 | REDACTED | REDACTED | 257.35 | Suspected leak in the economizer |
| Lieberman 4 | REDACTED | REDACTED | 0.45 | feedwater issue |
| Lieberman 4 | REDACTED | REDACTED | 7.82 | EGT repairs |
| Lieberman 4 | REDACTED | REDACTED | 14.13 | Loss of Motor Control Center |
| Lieberman 4 | REDACTED | REDACTED | 315.37 | Economizer Tube Leak |
| Lieberman 4 | REDACTED | REDACTED | 42.92 | Tube leak |
| Lieberman 4 | REDACTED | REDACTED | 38.50 | Enable Gas Transmission Force Majeure |
| Lieberman 4 | REDACTED | REDACTED | 188.18 | Water wall tube leak |
| Lieberman 4 | REDACTED | REDACTED | 3.25 | FO - Due to Faulty Insulator on transformer in the switchyard Unit has no Aux Power |
| Lieberman 4 | REDACTED | REDACTED | 23.58 | Water Chemistry |
| Lieberman 4 | REDACTED | REDACTED | 31.98 | Water Chemistry |
| Lieberman 4 | REDACTED | REDACTED | 127.90 | Suspected Economizer tube leak |
| Lieberman 4 | REDACTED | REDACTED | 34.25 | 4A FD Fan Bearings and Suspected Economizer Tube Leak |
| Lieberman 4 | REDACTED | REDACTED | 50.67 | Economizer i/r |
| Lieberman 4 | REDACTED | REDACTED | 118.60 | Low lube oil pressure |
| Lieberman 4 | REDACTED | REDACTED | 3.88 | <OMC!> Plant lost power |
| Mattison 1 | REDACTED | REDACTED | 24.63 | Ground Fault on Aux Transformer. . |
| Mattison 1 | REDACTED | REDACTED | 39.52 | SAT 5 Ground fault - storms in area |
| Mattison 1 | REDACTED | REDACTED | 4.05 | External Transmission Event |
| Mattison 1 | REDACTED | REDACTED | 0.83 | Gas pressure is above 100 psi to high at the Gas Pipe for the Unit to come Online |
| Mattison 1 | REDACTED | REDACTED | 1.05 | Gas pressure |
| Mattison 1 | REDACTED | REDACTED | 15.72 | Gas Limitations on Units 1 thru 4. |
| Mattison 1 | REDACTED | REDACTED | 17.57 | Fuel limitations |
| Mattison 1 | REDACTED | REDACTED | 4.90 | Remove debris in the junction box connecting the generator to the bus. |
| Mattison 1 | REDACTED | REDACTED | 167.32 | Enable Gas Transmission Curtailment |
| Mattison 1 | REDACTED | REDACTED | 48.00 | Enable Gas Transmission Curtailment |
| Mattison 1 | REDACTED | REDACTED | 16.50 | fuel limitation |
| Mattison 2 | REDACTED | REDACTED | 24.63 | Ground Fault on Aux Transformer |
| Mattison 2 | REDACTED | REDACTED | 39.52 | SAT 5 Ground fault - storms in area |
| Mattison 2 | REDACTED | REDACTED | 4.05 | External Transmission Event |
| Mattison 2 | REDACTED | REDACTED | 0.83 | Gas pressure is above 100 psi to high at the Gas Pipe for the Unit to come Online |
| Mattison 2 | REDACTED | REDACTED | 19.40 | Gas pressure |
| Mattison 2 | REDACTED | REDACTED | 47.23 | due to excitation issues |
| Mattison 2 | REDACTED | REDACTED | 15.68 | Gas Limitations |

SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT FORCED OUTAGE HISTORY
RECONCILIATION PERIOD MARCH 1, 2017 - MARCH 31, 2020

| Unit | Event Start | Event End | Event Duration (hrs) | Event Description |
|------------|-------------|-----------|----------------------|---|
| Mattison 2 | REDACTED | REDACTED | 191.30 | Enable Gas Transmission Curtailment |
| Mattison 2 | REDACTED | REDACTED | 23 62 | Enable Gas Transmission Curtailment |
| Mattison 2 | REDACTED | REDACTED | 49 60 | fuel limitation |
| Mattison 2 | REDACTED | REDACTED | 2.93 | HMI server down due to bad motherboard. |
| Mattison 3 | REDACTED | REDACTED | 4.05 | External Transmission Event |
| Mattison 3 | REDACTED | REDACTED | 10 82 | GSU #2 tripped, Units 3 & 4 not available |
| Mattison 3 | REDACTED | REDACTED | 22 93 | Unit 3 Aux Lube oil pump motor |
| Mattison 3 | REDACTED | REDACTED | 15 62 | Gas Limitations |
| Mattison 3 | REDACTED | REDACTED | 3 00 | Gas Limitations |
| Mattison 3 | REDACTED | REDACTED | 196 07 | High turbine vibrations |
| Mattison 3 | REDACTED | REDACTED | 64 42 | Lockout Relay tripped the GSU |
| Mattison 3 | REDACTED | REDACTED | 17.70 | Fuel limitations |
| Mattison 3 | REDACTED | REDACTED | 21 72 | Unit won't go down to light off speeds |
| Mattison 3 | REDACTED | REDACTED | 5 50 | Lightning strike took out communication with CEMS |
| Mattison 3 | REDACTED | REDACTED | 47 27 | Enable Gas Transmission Curtailment |
| Mattison 3 | REDACTED | REDACTED | 33.00 | fuel limitation |
| Mattison 4 | REDACTED | REDACTED | 4 05 | External Transmission Event |
| Mattison 4 | REDACTED | REDACTED | 10.73 | GSU #2 tripped, Units 3 & 4 unavailable. |
| Mattison 4 | REDACTED | REDACTED | 15.67 | Gas Limitations |
| Mattison 4 | REDACTED | REDACTED | 0.78 | Gas Availability |
| Mattison 4 | REDACTED | REDACTED | 64.42 | Lockout Relay tripped the GSU |
| Mattison 4 | REDACTED | REDACTED | 17.70 | Fuel limitations. |
| Mattison 4 | REDACTED | REDACTED | 5 50 | Lightning strike took out communication with CEMS |
| Mattison 4 | REDACTED | REDACTED | 907.08 | Cracked Transition Piece from the Combustor to the Turbine |
| Mattison 4 | REDACTED | REDACTED | 1 40 | Mechanical issue |
| Pirkey 1 | REDACTED | REDACTED | 21 08 | Steam leak on #2 Gov vlv leak off line |
| Pirkey 1 | REDACTED | REDACTED | 37 52 | TDBFP MOOG Vlv servo failed to respond to control signal |
| Pirkey 1 | REDACTED | REDACTED | 17 30 | Boiler trip due to a Power Load Unbalance |
| Pirkey 1 | REDACTED | REDACTED | 190 30 | Intercept Valve issue |
| Pirkey 1 | REDACTED | REDACTED | 25 18 | LH RH Stop Vlv, disc stem broke. |
| Pirkey 1 | REDACTED | REDACTED | 7 25 | G HP Htr level controller failed, Htrs tripped, tripped unit on high drum level |
| Pirkey 1 | REDACTED | REDACTED | 8.35 | Tube Leak |
| Pirkey 1 | REDACTED | REDACTED | 82.32 | A side Precipitator has several T/R's grounded out |
| Pirkey 1 | REDACTED | REDACTED | 6 57 | Lost the "B" ID Fan |
| Pirkey 1 | REDACTED | REDACTED | 11 05 | Drum level trip |
| Pirkey 1 | REDACTED | REDACTED | 42.25 | Condensor Tube leak |
| Pirkey 1 | REDACTED | REDACTED | 3 88 | Due to High Steam Temperatures. |
| Pirkey 1 | REDACTED | REDACTED | 117 40 | Tube Leak. |
| Pirkey 1 | REDACTED | REDACTED | 16 70 | Loss of boiler seal trough |
| Pirkey 1 | REDACTED | REDACTED | 128.57 | SSH Tube Leak |
| Pirkey 1 | REDACTED | REDACTED | 31.30 | Generator breaker disconnect switch 12323 phase failed, resulted in turbine overspeed event |
| Pirkey 1 | REDACTED | REDACTED | 2.60 | Drum Level excursion, boiler overfiring during start-up |

**SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT FORCED OUTAGE HISTORY
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| Unit | Event Start | Event End | Event Duration (hrs) | Event Description |
|----------|-------------|-----------|----------------------|--|
| Pirkey 1 | REDACTED | REDACTED | 7.62 | Stator Water system had a low flow trip command from the DCS transmitters |
| Pirkey 1 | REDACTED | REDACTED | 4.67 | High drum level, due to attemperator controls swinging feedwater and drum level. |
| Stall 6A | REDACTED | REDACTED | 3.53 | LP Non-Return Valve failed to open on start up |
| Stall 6A | REDACTED | REDACTED | 4.18 | LP bleed valve opened due to faulty solenoid to actuator |
| Stall 6A | REDACTED | REDACTED | 2.00 | Water Quality Issues on IP drum (low ph) |
| Stall 6A | REDACTED | REDACTED | 14.18 | Main Steam Crossover to cold RH Valve (MS201) not opening |
| Stall 6A | REDACTED | REDACTED | 51.22 | Emergency Transmission Work on 138kv CTVT leaking oil from bushing on DSC 44 due to threat of failure. They did not believe that it would remain intact much longer |
| Stall 6A | REDACTED | REDACTED | 47.02 | Solid Particle Erosion from 6A MS103 Drain Valve eroded downstream piping to point of failure. |
| Stall 6A | REDACTED | REDACTED | 1.53 | Unit Trip - High Hotwell level, Low LP drum level |
| Stall 6A | REDACTED | REDACTED | 4.78 | Replaced Bad HP Drum Feedwater control valve positioner. It caused the control reg to stick open and trip drum on hi level. |
| Stall 6A | REDACTED | REDACTED | 5.82 | Rotor Air Cooler Temp High due to loose belts and incorrect logic unload/ load dump temps |
| Stall 6A | REDACTED | REDACTED | 94.75 | 6A RH Safety Valve leakby and 6S Steam Seal Block Valve steam leak |
| Stall 6A | REDACTED | REDACTED | 9.95 | Lack of sample flow from the IP drum. Unable to confirm pH and conductivity readings. |
| Stall 6A | REDACTED | REDACTED | 21.53 | Lack of sample flow from the IP drum. Unable to confirm pH and conductivity readings |
| Stall 6A | REDACTED | REDACTED | 2.60 | Unit auxiliary transformer differential trip. |
| Stall 6A | REDACTED | REDACTED | 2.17 | Turbine vibration alarm. |
| Stall 6A | REDACTED | REDACTED | 0.58 | Turbine vibration alarm. |
| Stall 6A | REDACTED | REDACTED | 102.53 | 6S turbine first stage metal temperature |
| Stall 6A | REDACTED | REDACTED | 8.83 | Covid - 19, personnel cleaning control room. |
| Stall 6B | REDACTED | REDACTED | 6.00 | Condensate isolation valve to the LP bypass attemperator leaking externally |
| Stall 6B | REDACTED | REDACTED | 1.83 | Low condensate pump pressure |
| Stall 6B | REDACTED | REDACTED | 0.80 | HP Feedwater Control Valve failed to operate causing a low drum level trip |
| Stall 6B | REDACTED | REDACTED | 3.02 | HP feedwater drum level valve controller unresponsive/ replaced |
| Stall 6B | REDACTED | REDACTED | 91.77 | Tube leak in 6B LP EVAP section caused by FAC |
| Stall 6B | REDACTED | REDACTED | 4.27 | Feedwater Regulating Valve to HP Drum (Seal Ring Failure caused excessive leak-by) |
| Stall 6B | REDACTED | REDACTED | 54.17 | Emergency Transmission Work on 138kv CTVT leaking oil from bushing on DSC 44 due to threat of failure. They did not believe that it would remain intact much longer. |
| Stall 6B | REDACTED | REDACTED | 47.02 | Solid Particle Erosion from 6A MS103 Drain Valve eroded downstream piping to point of failure. Insulation on 6B Damaged due to failed piping |
| Stall 6B | REDACTED | REDACTED | 5.85 | Regency Gas Pipeline Low Pressure upstream of gas yard |
| Stall 6B | REDACTED | REDACTED | 0.17 | Pilot gas valve mismatch (replaced bad servo on pilot valve) |
| Stall 6B | REDACTED | REDACTED | 4.17 | HP Drum Level Controller feedback linkage became loose causing high drum level trip |

**SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT FORCED OUTAGE HISTORY
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| Unit | Event Start | Event End | Event Duration (hrs) | Event Description |
|----------|-------------|-----------|----------------------|--|
| Stall 6B | REDACTED | REDACTED | 94 43 | 6A RH Safety Valve leakby and 6S Steam Seal Block Valve steam leak |
| Stall 6B | REDACTED | REDACTED | 105 70 | 6S turbine first stage metal temperature. |
| Stall 6B | REDACTED | REDACTED | 9 40 | Covid - 19, personnel cleaning control room. |
| Stall 6S | REDACTED | REDACTED | 17.50 | EX2100 circuit board relay caused unit trip |
| Stall 6S | REDACTED | REDACTED | 3.10 | Low pressure on condensate pump. |
| Stall 6S | REDACTED | REDACTED | 52 55 | Emergency Transmission Work on 138kv CTVT leaking oil from bushing on DSC 44 due to threat of failure. They did not believe that it would remain intact much longer. |
| Stall 6S | REDACTED | REDACTED | 47.60 | Solid Particle Erosion from 6A MS103 Drain Valve eroded downstream piping to point of failure Insulation on 6B Damaged due to failed piping. |
| Stall 6S | REDACTED | REDACTED | 0 52 | EHC accumulators needed inspection on nitrogen level |
| Stall 6S | REDACTED | REDACTED | 94 28 | 6A RH Safety Valve leak by and 6S Steam Seal Block Valve steam leak |
| Stall 6S | REDACTED | REDACTED | 4.30 | Generator synchronization issues. Unable to close the generator breaker |
| Stall 6S | REDACTED | REDACTED | 118.03 | Turbine vibration and plant DC ground. |
| Stall 6S | REDACTED | REDACTED | 104.97 | 6S turbine first stage metal temperature. |
| Stall 6S | REDACTED | REDACTED | 8.83 | Covid - 19, personnel cleaning control room. |
| Stall 6S | REDACTED | REDACTED | 0 77 | Main steam stop valve seal. |
| Turk 1T | REDACTED | REDACTED | 6.12 | loss of feedwater flow |
| Turk 1T | REDACTED | REDACTED | 33.15 | Hot Reheat Drip Leg Piping to condenser leak |
| Turk 1T | REDACTED | REDACTED | 6 72 | Unit Tripped on high Furnace Pressure due to ID Fans not responding. |
| Turk 1T | REDACTED | REDACTED | 25.45 | Lost an ID Fan. Sensing line to ID Fan stall probe froze |
| Turk 1T | REDACTED | REDACTED | 14.98 | Main Steam Temps, Second Stage Attemperator Stuck |
| Turk 1T | REDACTED | REDACTED | 8.87 | Unit tripped due to valve controls issues |
| Turk 1T | REDACTED | REDACTED | 129.92 | Generator protective zone testing |
| Turk 1T | REDACTED | REDACTED | 8.38 | exit gas temp probes show bad quality causing unit to trip. |
| Turk 1T | REDACTED | REDACTED | 5.20 | Lost their pulverizers, no burnermain flame detected on pulverizer #3 caused pulverizer to trip which caused pulverizer #6 to trip during unit start up which caused unit to trip. |
| Turk 1T | REDACTED | REDACTED | 10.72 | Generator Protection Relay Trip (87-GB) |
| Turk 1T | REDACTED | REDACTED | 19.82 | TDBFP discharge valve positon mismatch, which fail opened TDBFP recirculation valve. Feedwater flow and boiler demand mismatch and resultant MS temp decrease, increased turbine stress to trip point. |
| Turk 1T | REDACTED | REDACTED | 21.58 | Intercept Valve closed and tripped unit |
| Turk 1T | REDACTED | REDACTED | 10.08 | Stator Water Flow indication dipped below the Generator trip value |
| Turk 1T | REDACTED | REDACTED | 15.43 | Unit tripped due to loss of the Turbine Driven Boiler Feed Pump. The TDBFP tripped due to loss of the suction flow transmitter which was cause by a power supply switch failure. |
| Welsh 1 | REDACTED | REDACTED | 11.32 | Loss of unit while switching channels on AVR |
| Welsh 1 | REDACTED | REDACTED | 44.58 | GSU gassing |
| Welsh 1 | REDACTED | REDACTED | 94 28 | Tube Leak |
| Welsh 1 | REDACTED | REDACTED | 162.95 | Oil leak in main power transformer |

**SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT FORCED OUTAGE HISTORY
RECONCILIATION PERIOD MARCH 1, 2017 - MARCH 31, 2020**

| Unit | Event Start | Event End | Event Duration (hrs) | Event Description |
|----------|-------------|-----------|----------------------|--|
| Welsh 1 | REDACTED | REDACTED | 10.60 | Governor valve leak |
| Welsh 1 | REDACTED | REDACTED | 2.35 | Unit trip - Drum levels, will attempt hot restart |
| Welsh 1 | REDACTED | REDACTED | 21.93 | Intercept valve issues.. |
| Welsh 1 | REDACTED | REDACTED | 10.42 | UPS failure. Unit tripped offline |
| Welsh 1 | REDACTED | REDACTED | 2.42 | perssure temp mismatch delay startup |
| Welsh 3 | REDACTED | REDACTED | 183.83 | GSU Diff on B phase ground |
| Welsh 3 | REDACTED | REDACTED | 110 55 | U3 #1 throttle valve not coming full open. |
| Welsh 3 | REDACTED | REDACTED | 17.38 | Condensate regulator problem |
| Welsh 3 | REDACTED | REDACTED | 22.42 | Leaking turbine throttle valve |
| Welsh 3 | REDACTED | REDACTED | 3.78 | Primary Harmony Controller |
| Welsh 3 | REDACTED | REDACTED | 1.97 | Tripped while replacing harmony controller |
| Welsh 3 | REDACTED | REDACTED | 3.83 | Voltage Regulator issue |
| Welsh 3 | REDACTED | REDACTED | 1.05 | Reverse Power Relay Trip |
| Welsh 3 | REDACTED | REDACTED | 6.55 | BFP tripped causing low drum level trip of the unit |
| Welsh 3 | REDACTED | REDACTED | 54.70 | Condenser Leak. |
| Welsh 3 | REDACTED | REDACTED | 1.28 | High Drum level trip |
| Welsh 3 | REDACTED | REDACTED | 10.37 | Backpressure on Turbine Driven Boiler Feedpump |
| Welsh 3 | REDACTED | REDACTED | 4.12 | Turbine Driven Boiler Feedpump |
| Welsh 3 | REDACTED | REDACTED | 72.75 | Tube Leak waterwall screen tube in RH floor area |
| Wilkes 1 | REDACTED | REDACTED | 0.97 | Fuel Trip Relay |
| Wilkes 1 | REDACTED | REDACTED | 26.40 | Governor Control Valves and Intercept Valves closed shut |
| Wilkes 1 | REDACTED | REDACTED | 45.30 | Problem in Gas Yard |
| Wilkes 1 | REDACTED | REDACTED | 243.50 | RH tube leak repairs and Condenser cleaning. |
| Wilkes 1 | REDACTED | REDACTED | 15.95 | Pressure seal leak on main steam stop valve |
| Wilkes 1 | REDACTED | REDACTED | 110.77 | Feedwater Regulator Valve leaking, needs to be rebuilt |
| Wilkes 1 | REDACTED | REDACTED | 0.02 | Oil leak on turning gear |
| Wilkes 1 | REDACTED | REDACTED | 82.07 | Oil leak on turning gear |
| Wilkes 1 | REDACTED | REDACTED | 1027.98 | Tube Leak |
| Wilkes 1 | REDACTED | REDACTED | 13.63 | FD fan discharge vs furnace pressure transmitter went out. Blackstart unavailable |
| Wilkes 1 | REDACTED | REDACTED | 95 23 | Hot spot on boiler |
| Wilkes 1 | REDACTED | REDACTED | 21.38 | Blown packing in attemperator |
| Wilkes 1 | REDACTED | REDACTED | 158 33 | Boiler Tube Leak |
| Wilkes 1 | REDACTED | REDACTED | 29.10 | Steam leak on Extraction Check Valve |
| Wilkes 1 | REDACTED | REDACTED | 144.83 | Main Steam Leak. |
| Wilkes 1 | REDACTED | REDACTED | 94.17 | External tube leak |
| Wilkes 1 | REDACTED | REDACTED | 4.27 | Reserve Feed Problem |
| Wilkes 1 | REDACTED | REDACTED | 29.15 | Loose Bolts on Main Turbine Stop Valve |
| Wilkes 1 | REDACTED | REDACTED | 1.13 | Tipped due to loss of gas pressure |
| Wilkes 1 | REDACTED | REDACTED | 7.07 | Potential transformer meter issues |
| Wilkes 1 | REDACTED | REDACTED | 1.20 | Loss of Gas Pressure |
| Wilkes 2 | REDACTED | REDACTED | 2086.32 | Secondary Superheater Outlet Header -boiler reached the end of its useful life. |
| Wilkes 2 | REDACTED | REDACTED | 165.58 | New condensate regulator failed causing condensate line to swing and jump breaking and bending hangers |
| Wilkes 2 | REDACTED | REDACTED | 25.72 | Steam Seal Header Leak |

**SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT FORCED OUTAGE HISTORY
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| Unit | Event Start | Event End | Event Duration (hrs) | Event Description |
|----------|-------------|-----------|----------------------|---|
| Wilkes 2 | REDACTED | REDACTED | 70 95 | tube leak |
| Wilkes 2 | REDACTED | REDACTED | 86.50 | Tube Leak |
| Wilkes 2 | REDACTED | REDACTED | 64 05 | Air Heater Issues |
| Wilkes 2 | REDACTED | REDACTED | 0 58 | Transferred to Partial Arc |
| Wilkes 2 | REDACTED | REDACTED | 68.25 | Air Heater Failure |
| Wilkes 2 | REDACTED | REDACTED | 133 68 | KM Tejas Gas Control Issues with regulator |
| Wilkes 2 | REDACTED | REDACTED | 27.50 | Breaker Work on Unit 1. |
| Wilkes 2 | REDACTED | REDACTED | 183.00 | Air heater issues |
| Wilkes 2 | REDACTED | REDACTED | 68.77 | Air heater locked up |
| Wilkes 2 | REDACTED | REDACTED | 273 02 | Air Heater locked up |
| Wilkes 2 | REDACTED | REDACTED | 8.98 | Loss of gas yard computer communications, Power Supply Control Card |
| Wilkes 2 | REDACTED | REDACTED | 1 08 | Loss gas control |
| Wilkes 2 | REDACTED | REDACTED | 65.98 | Lost PLC to Control Valves |
| Wilkes 2 | REDACTED | REDACTED | 147 42 | Tube Leak |
| Wilkes 3 | REDACTED | REDACTED | 8.68 | Gas Line Leak |
| Wilkes 3 | REDACTED | REDACTED | 290.67 | Boiler Issue |
| Wilkes 3 | REDACTED | REDACTED | 104 97 | E heater inlet motorized valve has gears broken. |
| Wilkes 3 | REDACTED | REDACTED | 104.97 | E heater inlet motorized valve has gears broken |
| Wilkes 3 | REDACTED | REDACTED | 143.37 | H2 leak on exciter end of generator |
| Wilkes 3 | REDACTED | REDACTED | 722 10 | Hydrogen Leak |
| Wilkes 3 | REDACTED | REDACTED | 351 05 | High MDBFP oil temperature |
| Wilkes 3 | REDACTED | REDACTED | 36.50 | Air Heater |
| Wilkes 3 | REDACTED | REDACTED | 27.50 | Breaker Work on Unit 1 |
| Wilkes 3 | REDACTED | REDACTED | 0.45 | Generator relay trip |
| Wilkes 3 | REDACTED | REDACTED | 18 38 | Air Heater locked up |
| Wilkes 3 | REDACTED | REDACTED | 16 42 | No gas flow through the trip valve or the 45 lbs regulator |
| Wilkes 3 | REDACTED | REDACTED | 151 12 | Air heater locked up |
| Wilkes 3 | REDACTED | REDACTED | 85 40 | Boiler Leak |
| Wilkes 3 | REDACTED | REDACTED | 8.98 | Loss of gas yard computer communications, Power Supply Control Card |
| Wilkes 3 | REDACTED | REDACTED | 1.08 | Loss gas control |
| Wilkes 3 | REDACTED | REDACTED | 102 92 | Tejas Gas Limitation |
| Wilkes 3 | REDACTED | REDACTED | 705.58 | MDBFP o/s |
| Wilkes 3 | REDACTED | REDACTED | 1110.00 | Mud drum boiler feed pump |
| Wilkes 3 | REDACTED | REDACTED | 15 45 | 3A TMCC grounded due to moisture issues |

**SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT PLANNED OUTAGE HISTORY
MARCH 1, 2017 - MARCH 31, 2020**

| Plant and Unit | Event Type | Scheduled Start Date | Scheduled End Date | Scheduled Length of Outage (Days) | Actual Start Date | Actual End Date | Actual Length of Outage (Days) | Reason for Outage |
|----------------|------------|----------------------|--------------------|-----------------------------------|-------------------|-----------------|--------------------------------|--|
| Arsenal Hill 5 | PO | REDACTED | REDACTED | 15 | REDACTED | REDACTED | 14 | Boiler Chemical Clean |
| Arsenal Hill 5 | PO | REDACTED | REDACTED | 21 | REDACTED | REDACTED | 20 | Planned Outage for corrosion fatigue inspection of boiler |
| Arsenal Hill 5 | PO | REDACTED | REDACTED | 52 | REDACTED | REDACTED | 48 | Planned Outage |
| Arsenal Hill 5 | PO | REDACTED | REDACTED | 10 | REDACTED | REDACTED | 10 | Planned Outage to clean condenser and re-route Regency gas vent |
| Arsenal Hill 5 | PO | REDACTED | REDACTED | 20 | REDACTED | REDACTED | 19 | Planned Outage |
| Dolet Hills 1 | PO | REDACTED | REDACTED | 42 | REDACTED | REDACTED | 25 | Spring Outage |
| Dolet Hills 1 | PO | REDACTED | REDACTED | 42 | REDACTED | REDACTED | 17 | Spring Outage |
| Dolet Hills 1 | PO | REDACTED | REDACTED | 43 | REDACTED | REDACTED | 42 | Spring Outage |
| Dolet Hills 1* | PO | REDACTED | REDACTED | * | REDACTED | REDACTED | 5 | A Secondary Air Heater gas inlet expansion joint replacement |
| Flint Creek 1 | PO | REDACTED | REDACTED | 37 | REDACTED | REDACTED | 36 | DFGD 1 Year Inspection and General Boiler Repairs |
| Flint Creek 1 | PO | REDACTED | REDACTED | 72 | REDACTED | REDACTED | 71 | Low NOx Burners & Overfire Air install, Turbine Major and replace "B" 5 kV Switchgear |
| Flint Creek 1 | PO | REDACTED | REDACTED | 16 | REDACTED | REDACTED | 14 | Planned Outage |
| Flint Creek 1 | PO | REDACTED | REDACTED | 44 | REDACTED | REDACTED | 40 | GBIR, replace Aux, GSU and Reserve Transformer Lockout Relays, repair "A" ID Fan. |
| Flint Creek 1 | PO | REDACTED | REDACTED | 23 | REDACTED | REDACTED | 20 | Planned Outage |
| Flint Creek 1 | PO | REDACTED | REDACTED | 63 | REDACTED | REDACTED | 64 | Planned Outage |
| Knox Lee 5 | PO | REDACTED | REDACTED | 81 | REDACTED | REDACTED | 96 | Turbine Major Overhaul, Main Steam Stop Valve Overhaul, and Generator Inspection |
| Knox Lee 5 | PO | REDACTED | REDACTED | 28 | REDACTED | REDACTED | 28 | Planned Outage |
| Knox Lee 5 | PO | REDACTED | REDACTED | 85 | REDACTED | REDACTED | 83 | Corrosion Fatigue i/r, Chemical Clean and replace the Annunciator & Air Heater Windbox Inlet Expansion Joint |
| Knox Lee 5 | PO | REDACTED | REDACTED | 42 | REDACTED | REDACTED | 49 | Planned Outage |
| Lieberman 3 | PO | REDACTED | REDACTED | 58 | REDACTED | REDACTED | 57 | Corrosion Fatigue Inspection, Chemical Clean, and High Energy Piping Inspection |
| Lieberman 3 | PO | REDACTED | REDACTED | 56 | REDACTED | REDACTED | 57 | Inspect and Repair Turbine Valves |
| Lieberman 3 | PO | REDACTED | REDACTED | 45 | REDACTED | REDACTED | 45 | Ignitor and Pilot Horn replacements, repair Combustion Air Vanes, Boiler Drain Line replacement |
| Lieberman 3 | PO | REDACTED | REDACTED | 48 | REDACTED | REDACTED | 47 | Install new Boiler Door, Lube Oil Coolers & RH Safety Valves Replace Unit Reserve Aux Transformer |
| Lieberman 3 | PO | REDACTED | REDACTED | 13 | REDACTED | REDACTED | 13 | Planned Outage |

**SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT PLANNED OUTAGE HISTORY
MARCH 1, 2017 - MARCH 31, 2020**

| Plant and Unit | Event Type | Scheduled Start Date | Scheduled End Date | Scheduled Length of Outage (Days) | Actual Start Date | Actual End Date | Actual Length of Outage (Days) | Reason for Outage |
|----------------|------------|----------------------|--------------------|-----------------------------------|-------------------|-----------------|--------------------------------|---|
| Lieberman 4 | PO | REDACTED | REDACTED | 56 | REDACTED | REDACTED | 44 | Retube #4 Condenser, Turbine Valve Repairs, and Boiler Inspection Door Tube Penetration Inspection |
| Lieberman 4 | PO | REDACTED | REDACTED | 34 | REDACTED | REDACTED | 36 | Gas line Replacement, Pilot Horns and Pilot Damper repairs, Upgrade Burners fronts, Replace Control Room Annunciator, Repair Boiler Hot Spots |
| Lieberman 4 | PO | REDACTED | REDACTED | 43 | REDACTED | REDACTED | 42 | Replace pilot ignitor system, Economizer tube replacement and BOP repairs. |
| Lieberman 4 | PO | REDACTED | REDACTED | 34 | REDACTED | REDACTED | 32 | Install new Boiler Door, Lube Oil Coolers & RH Safety Valves |
| Lieberman 4 | PO | REDACTED | REDACTED | 28 | REDACTED | REDACTED | 26 | Planned Outage |
| Lone Star 1 | PO | REDACTED | REDACTED | 148 | REDACTED | REDACTED | 62 | Install new expansion joint at bottom of stack, Install new main steam safety valve, re-gasket main power transformer. |
| Lone Star 1 | PO | REDACTED | REDACTED | 15 | REDACTED | REDACTED | 14 | General Maintenance |
| Lone Star 1 | PO | REDACTED | REDACTED | 3 | REDACTED | REDACTED | 3 | ORM inspections, GBIR |
| Mattison 1 | PO | REDACTED | REDACTED | 4 | REDACTED | REDACTED | 5 | Instrument Calibrations, PM's, and Filter Changeouts |
| Mattison 1 | PO | REDACTED | REDACTED | 3 | REDACTED | REDACTED | 3 | Planned Outage |
| Mattison 1 | PO | REDACTED | REDACTED | 3 | REDACTED | REDACTED | 2 | Perform Annual Boroscope, Dye Test, and Eddy Current testing on compressor and turbine |
| Mattison 1 | PO | REDACTED | REDACTED | 3 | REDACTED | REDACTED | 2 | Calibrate Turbine trip instruments and BOP i/r |
| Mattison 1 | PO | REDACTED | REDACTED | 3 | REDACTED | REDACTED | 1 | Instrument Calibrations, PM's, and Filter Changeouts |
| Mattison 2 | PO | REDACTED | REDACTED | 3 | REDACTED | REDACTED | 3 | Instrument Calibrations, PM's, and Filter Changeouts |
| Mattison 2 | PO | REDACTED | REDACTED | 3 | REDACTED | REDACTED | 2 | Planned Outage |
| Mattison 2 | PO | REDACTED | REDACTED | 3 | REDACTED | REDACTED | 2 | Perform Annual Boroscope, Dye Test, and Eddy Current testing on compressor and turbine |
| Mattison 2 | PO | REDACTED | REDACTED | 3 | REDACTED | REDACTED | 4 | Calibrate Turbine trip instruments and BOP i/r |
| Mattison 2 | PO | REDACTED | REDACTED | 2 | REDACTED | REDACTED | #VALUE! | Instrument Calibrations, PM's, and Filter Changeouts |
| Mattison 3 | PO | REDACTED | REDACTED | 4 | REDACTED | REDACTED | 4 | Instrument Calibrations, PM's, and Filter Changeouts |
| Mattison 3 | PO | REDACTED | REDACTED | 3 | REDACTED | REDACTED | 2 | Planned Outage |

**SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT PLANNED OUTAGE HISTORY
MARCH 1, 2017 - MARCH 31, 2020**

| Plant and Unit | Event Type | Scheduled Start Date | Scheduled End Date | Scheduled Length of Outage (Days) | Actual Start Date | Actual End Date | Actual Length of Outage (Days) | Reason for Outage |
|----------------|------------|----------------------|--------------------|-----------------------------------|-------------------|-----------------|--------------------------------|--|
| Mattison 3 | PO | REDACTED | REDACTED | 3 | REDACTED | REDACTED | 2 | Perform Annual Boroscope, Dye Test, and Eddy Current testing on compressor and turbine |
| Mattison 3 | PO | REDACTED | REDACTED | 5 | REDACTED | REDACTED | 4 | Calibrate Turbine trip instruments and BOP i/r |
| Mattison 3 | PO | REDACTED | REDACTED | 3 | REDACTED | REDACTED | 3 | Planned Outage, Borescope inspection |
| Mattison 3 | PO | REDACTED | REDACTED | 3 | REDACTED | REDACTED | 1 | Instrument Calibrations, PM's, and Filter Changeouts |
| Mattison 4 | PO | REDACTED | REDACTED | 4 | REDACTED | REDACTED | 4 | Instrument Calibrations, PM's, and Filter Changeouts |
| Mattison 4 | PO | REDACTED | REDACTED | 3 | REDACTED | REDACTED | 1 | Planned Outage |
| Mattison 4 | PO | REDACTED | REDACTED | 3 | REDACTED | REDACTED | 2 | Perform Annual Boroscope, Dye Test, and Eddy Current testing on compressor and turbine |
| Mattison 4 | PO | REDACTED | REDACTED | 3 | REDACTED | REDACTED | 4 | Calibrate Turbine trip instruments and BOP i/r. |
| Mattison 4 | PO | REDACTED | REDACTED | 2 | REDACTED | REDACTED | 1 | Planned Outage |
| Mattison 4 | PO | REDACTED | REDACTED | 3 | REDACTED | REDACTED | 2 | Instrument Calibrations, PM's, and Filter Changeouts |
| Pirkey 1 | PO | REDACTED | REDACTED | 52 | REDACTED | REDACTED | 48 | GBIR, TDBFP & Turbine Overhaul, Primary Airheater Main Bearing Repalcement, and General Maintenance. |
| Pirkey 1 | PO | REDACTED | REDACTED | 21 | REDACTED | REDACTED | 19 | Boiler Sidewall Panel replacement on "E" elevation, 8 "E" elevation burner nozzle replacements, DEH flush, Fly Ash Silo Diffuser Stone replacement and piping i/r, PAH & SAH wash, FGD Absorber Tower cleaning and i/r, Precip. cleaning i/r, Boiler i/r |
| Pirkey 1 | PO | REDACTED | REDACTED | 21 | REDACTED | REDACTED | 20 | Planned Outage |
| Pirkey 1 | PO | REDACTED | REDACTED | 10 | REDACTED | REDACTED | 8 | Boiler i/r, FGD Absorber Tower Cleaning, RH Stop Valve repairs, Governor Valve leak repairs and Blowdown Header leak repairs, BOP i/r |
| Pirkey 1 | PO | REDACTED | REDACTED | 84 | REDACTED | REDACTED | 73 | Boiler i/r, Combustion Control System Installation, Primary Air Heater Main Bearing replacement, Boiler Header inspections and Turbine Throttle Valve inspection |
| Pirkey 1 | PO | REDACTED | REDACTED | 84 | REDACTED | REDACTED | 0 | Planned Outage |
| Pirkey 1 | PO | REDACTED | REDACTED | 84 | REDACTED | REDACTED | 2 | Planned Outage |
| Stall 6A | PO | REDACTED | REDACTED | 9 | REDACTED | REDACTED | 9 | General Maintenance, Filter Change, and Compressor Washing |

**SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT PLANNED OUTAGE HISTORY
MARCH 1, 2017 - MARCH 31, 2020**

| Plant and Unit | Event Type | Scheduled Start Date | Scheduled End Date | Scheduled Length of Outage (Days) | Actual Start Date | Actual End Date | Actual Length of Outage (Days) | Reason for Outage |
|----------------|------------|----------------------|--------------------|-----------------------------------|-------------------|-----------------|--------------------------------|--|
| Stall 6A | PO | REDACTED | REDACTED | 44 | REDACTED | REDACTED | 45 | Turbine Major, GBIR,, ORM Inspections, and Cooling Tower Maintenance |
| Stall 6A | PO | REDACTED | REDACTED | 44 | REDACTED | REDACTED | 0 | Planned Outage |
| Stall 6A | PO | REDACTED | REDACTED | 44 | REDACTED | REDACTED | 1 | Planned Outage |
| Stall 6A | PO | REDACTED | REDACTED | 44 | REDACTED | REDACTED | 1 | Planned Outage |
| Stall 6A | PO | REDACTED | REDACTED | 44 | REDACTED | REDACTED | 0 | Planned Outage |
| Stall 6A | PO | REDACTED | REDACTED | 15 | REDACTED | REDACTED | 14 | Planned Outage |
| Stall 6A | PO | REDACTED | REDACTED | 42 | REDACTED | REDACTED | 44 | Planned Outage |
| Stall 6A | PO | REDACTED | REDACTED | 42 | REDACTED | REDACTED | 0 | 6A Planned outage |
| Stall 6A | PO | REDACTED | REDACTED | 10 | REDACTED | REDACTED | 12 | Spring Planned Outage (inlet filters and replace BPF "B", replace valves) |
| Stall 6A | PO | REDACTED | REDACTED | 73 | REDACTED | REDACTED | 71 | Planned Outage to replace SCR catalyst and inlet filters |
| Stall 6A | PO | REDACTED | REDACTED | 73 | REDACTED | REDACTED | 4 | Troubleshooting vibration problems on STG Planned Outage |
| Stall 6A | PO | REDACTED | REDACTED | 73 | REDACTED | REDACTED | 0 | Planned Outage to replace SCR catalyst and inlet filters |
| Stall 6B | PO | REDACTED | REDACTED | 9 | REDACTED | REDACTED | 9 | General Maintenance, Filter Change, and Compressor Washing |
| Stall 6B | PO | REDACTED | REDACTED | 44 | REDACTED | REDACTED | 40 | Turbine Major, GBIR,, ORM Inspections, and Cooling Tower Maintenance |
| Stall 6B | PO | REDACTED | REDACTED | 44 | REDACTED | REDACTED | 1 | Stall PO |
| Stall 6B | PO | REDACTED | REDACTED | 15 | REDACTED | REDACTED | 14 | Planned Outage |
| Stall 6B | PO | REDACTED | REDACTED | 49 | REDACTED | REDACTED | 46 | Planned Outage |
| Stall 6B | PO | REDACTED | REDACTED | 10 | REDACTED | REDACTED | 13 | Planned Outage (Replace inlet filters, BFP "B", and various valves |
| Stall 6B | PO | REDACTED | REDACTED | 73 | REDACTED | REDACTED | 71 | Planned Outage to replace SCR catalyst and inlet filters. |
| Stall 6B | PO | REDACTED | REDACTED | 73 | REDACTED | REDACTED | 7 | Troubleshooting vibration problems on STG Planned Outage. |
| Stall 6S | PO | REDACTED | REDACTED | 9 | REDACTED | REDACTED | 9 | General Maintenance, Filter Change, and Compressor Washing |
| Stall 6S | PO | REDACTED | REDACTED | 44 | REDACTED | REDACTED | 41 | Turbine Major, GBIR,, ORM Inspections, and Cooling Tower Maintenance. |
| Stall 6S | PO | REDACTED | REDACTED | 15 | REDACTED | REDACTED | 14 | 6A & 6B Planned Outage |
| Stall 6S | PO | REDACTED | REDACTED | 42 | REDACTED | REDACTED | 45 | 6B Major Planned Outage |
| Stall 6S | PO | REDACTED | REDACTED | 42 | REDACTED | REDACTED | 0 | Planned Outage |
| Stall 6S | PO | REDACTED | REDACTED | 10 | REDACTED | REDACTED | 12 | Planned Outage (Replace inlet filters, BFP "B", and various valves |
| Stall 6S | PO | | | 73 | REDACTED | REDACTED | 71 | Planned Outage for STG major overhaul. |

**SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT PLANNED OUTAGE HISTORY
MARCH 1, 2017 - MARCH 31, 2020**

| Plant and Unit | Event Type | Scheduled Start Date | Scheduled End Date | Scheduled Length of Outage (Days) | Actual Start Date | Actual End Date | Actual Length of Outage (Days) | Reason for Outage |
|----------------|------------|----------------------|--------------------|-----------------------------------|-------------------|-----------------|--------------------------------|--|
| Stall 6S | PO | REDACTED | REDACTED | 73 | REDACTED | REDACTED | 1 | Initial STG start ups coming out of major outage Experienced high vibration |
| Stall 6S | PO | REDACTED | REDACTED | 73 | REDACTED | REDACTED | 5 | Inspection to address vibration issues on STG |
| Turk 1T | PO | REDACTED | REDACTED | 16 | REDACTED | REDACTED | 14 | GBIR, SCR Grating Maintenance and MATS Monitoring Equipment Calibration |
| Turk 1T | PO | REDACTED | REDACTED | 2 | REDACTED | REDACTED | 1 | RTU Replacement |
| Turk 1T | PO | REDACTED | REDACTED | 23 | REDACTED | REDACTED | 23 | Planned Outage |
| Turk 1T | PO | REDACTED | REDACTED | 9 | REDACTED | REDACTED | 7 | Planned Outage |
| Turk 1T | PO | REDACTED | REDACTED | 23 | REDACTED | REDACTED | 23 | Unit Outage |
| Welsh 1 | PO | REDACTED | REDACTED | 30 | REDACTED | REDACTED | 27 | Planned Outage |
| Welsh 1 | PO | REDACTED | REDACTED | 30 | REDACTED | REDACTED | 28 | GSU Transformer change out, Turbine Valve i/r, 5 yr Extraction Check Valve inspection, Generator FIP inspection, GBIR, SH/RH High Temp Header condition assessment, TDBFP Control Valve inspection and Traveling Screen rebuild. |
| Welsh 1 | PO | REDACTED | REDACTED | 30 | REDACTED | REDACTED | 0 | Continuation of PO Main Turbine over-speed test |
| Welsh 1 | PO | REDACTED | REDACTED | 30 | REDACTED | REDACTED | 28 | Boiler i/r, Intercept and RH Stop Valve i/r, TDBFP overhaul & Rotor i/r, Precipitator cleaning & inspection, "C" CWP Motor reconditioning & Pump rebuild, "A" Condensate Pump rebuild, "C" Traveling Screen rebuild/replace, PA Fans Inlet Vane replacement, "B" Aux Transformer Bushing replacement, instal |
| Welsh 3 | PO | REDACTED | REDACTED | 39 | REDACTED | REDACTED | 38 | Front Standard/HP Shell Inspection and Repairs |
| Welsh 3 | PO | REDACTED | REDACTED | 39 | REDACTED | REDACTED | 0 | Front Standard/HP Shell Inspection and Repairs |
| Welsh 3 | PO | REDACTED | REDACTED | 39 | REDACTED | REDACTED | 0 | Front Standard/HP Shell Inspection and Repairs |
| Welsh 3 | PO | REDACTED | REDACTED | 46 | REDACTED | REDACTED | 44 | General Boiler i/r, Replace 3B 4kV Buss, Replace Coalyard A & B 4kV Buss & Upgrade SSH Platen Cladding |
| Welsh 3 | PO | REDACTED | REDACTED | 29 | REDACTED | REDACTED | 28 | TDBFP Head Gasket repairs, Primary & Secondary SH i/r, Turbine LVDT upgrade, Precipitator cleaning and Boiler i/r |
| Welsh 3 | PO | REDACTED | REDACTED | 9 | REDACTED | REDACTED | 7 | Planned Outage |
| Welsh 3 | PO | REDACTED | REDACTED | 37 | | | 34 | Planned Outage |

**SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT PLANNED OUTAGE HISTORY
MARCH 1, 2017 - MARCH 31, 2020**

| Plant and Unit | Event Type | Scheduled Start Date | Scheduled End Date | Scheduled Length of Outage (Days) | Actual Start Date | Actual End Date | Actual Length of Outage (Days) | Reason for Outage |
|----------------|------------|----------------------|--------------------|-----------------------------------|-------------------|-----------------|--------------------------------|---|
| Wilkes 1 | PO | REDACTED | REDACTED | 78 | REDACTED | REDACTED | 75 | Major Turbine Inspection and Boiler i/r |
| Wilkes 1 | PO | REDACTED | REDACTED | 78 | REDACTED | REDACTED | 0 | Planned Outage |
| Wilkes 1 | PO | REDACTED | REDACTED | 78 | REDACTED | REDACTED | 2 | Planned Outage |
| Wilkes 1 | PO | REDACTED | REDACTED | 34 | REDACTED | REDACTED | 34 | Expansion Joint replacement, Boiler chemical clean, ORM inspections, High Energy Piping inspections, Flow Accelerated Corrosion inspections and Turbine Valve inspections |
| Wilkes 1 | PO | REDACTED | REDACTED | 28 | REDACTED | REDACTED | 28 | GBIR, ORM Required Inspection, FAC Inspections, SHOH Assessments |
| Wilkes 2 | PO | REDACTED | REDACTED | 123 | REDACTED | REDACTED | 123 | Superheater, Reheater, Superheat Outlet Header, and Reheat Outlet Header Replacement |
| Wilkes 2 | PO | REDACTED | REDACTED | 7 | REDACTED | REDACTED | 7 | Install Thermox Analyzer |
| Wilkes 2 | PO | REDACTED | REDACTED | 56 | REDACTED | REDACTED | 56 | "B" heater re-tube, replace heater level controls, ORM required inspections, HEP inspections, FAC inspections, Transformer Doble testing, Stack inspection, H2 panel annunciator replacement, routine BOP repairs |
| Wilkes 2 | PO | REDACTED | REDACTED | 57 | REDACTED | REDACTED | 56 | Transmission work. |
| Wilkes 3 | PO | REDACTED | REDACTED | 101 | REDACTED | REDACTED | 83 | Replacement of the SH, RH, SSH Outlet Header, and RH Outlet Header |
| Wilkes 3 | PO | REDACTED | REDACTED | 21 | REDACTED | REDACTED | 21 | Planned Outage |
| Wilkes 3 | PO | REDACTED | REDACTED | 21 | REDACTED | REDACTED | 0 | Planned Outage |
| Wilkes 3 | PO | REDACTED | REDACTED | 7 | REDACTED | REDACTED | 8 | Install Thermox Analyzer |
| Wilkes 3 | PO | REDACTED | REDACTED | 21 | REDACTED | REDACTED | 21 | Boiler i/r, Boiler Duct Expansion Joint replacement, HEP i/r, Flow Accelerated Corrosion i/r, BFPT Packing, BFP i/r, Heater Level Controls repairs, Annunciator Panel replacement, Data Acquisition System replacement, BOP i/r |

*Although classified as a Planned Outage, the outage was not documented in the Company's Planned Outage software platform, which provides the scheduled outage dates.

**SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT MAINTENANCE OUTAGE HISTORY
MARCH 1, 2017 - MARCH 31, 2020**

| Unit Name | Event Code | Actual Start Date | Actual End Date | Actual Outage Duration (Hours) | Actual Outage Duration (Days) | Reason for Outage |
|----------------|------------|-------------------|-----------------|--------------------------------|-------------------------------|--|
| Arsenal Hill 5 | MO | REDACTED | REDACTED | 157.5 | 6.6 | Inspect and measure Bushings on High side and Low Side of RAT for future replacement. To repair C Boiler Tilt Linkage. |
| Arsenal Hill 5 | MO | REDACTED | REDACTED | 50.6 | 2.1 | #35 Gas Regulator Control Issues require gas pilot valve to be rebuilt |
| Arsenal Hill 5 | MO | REDACTED | REDACTED | 9.87 | 0.4 | Change out top drum vent valves to enable easier operation. |
| Arsenal Hill 5 | MO | REDACTED | REDACTED | 31 | 1.3 | To inspect circulating water inlet and outlet lines for signs of deterioration. |
| Arsenal Hill 5 | MO | REDACTED | REDACTED | 151.83 | 6.3 | Replace seal oil vacuum pump motor/gearbox, repair service water leak on generator hydrogen cooler, repair C corner tilt linkage on boiler replace carbon vessels at water plant, repair cooling pond spray nozzles. |
| Arsenal Hill 5 | MO | REDACTED | REDACTED | 2.52 | 0.1 | Transmission Work |
| Arsenal Hill 5 | MO | REDACTED | REDACTED | 277 | 11.5 | Replace boiler access door and conduct annual boiler inspect and repair |
| Dolet Hills 1 | MO | REDACTED | REDACTED | 34.75 | 1.4 | Repair Circulating Water Header Leak |
| Dolet Hills 1 | MO | REDACTED | REDACTED | 7.5 | 0.3 | Condenser Clean |
| Flint Creek 1 | MO | REDACTED | REDACTED | 213 | 8.9 | Pre-Planned Outage work. |
| Flint Creek 1 | MO | REDACTED | REDACTED | 86.48 | 3.6 | To inspect and repair suspected Economizer Tube Leak |
| Flint Creek 1 | MO | REDACTED | REDACTED | 40.88 | 1.7 | Condenser Tube Leak |
| Flint Creek 1 | MO | REDACTED | REDACTED | 47.87 | 2.0 | Remove Clinker from B" Ash Hopper" |
| Knox Lee 5 | MO | REDACTED | REDACTED | 11 | 0.5 | Replace a broken pipe nipple on #5 main gas line, after the 40lb regulator. |
| Knox Lee 5 | MO | REDACTED | REDACTED | 113 | 4.7 | To inspect and repair Hot Spots on boiler. |
| Knox Lee 5 | MO | REDACTED | REDACTED | 64.32 | 2.7 | State Boiler Inspection |
| Knox Lee 5 | MO | REDACTED | REDACTED | 22.83 | 1.0 | Boiler inspect and repair. |
| Knox Lee 5 | MO | REDACTED | REDACTED | 35.32 | 1.5 | Install gland water piping to circulating water pumps |
| Knox Lee 5 | MO | REDACTED | REDACTED | 152.22 | 6.3 | Condenser leak check. |
| Knox Lee 5 | MO | REDACTED | REDACTED | 7.8 | 0.3 | Clean Hydrogen cooling system |
| Knox Lee 5 | MO | REDACTED | REDACTED | 74.87 | 3.1 | Gulf South pigging |
| Knox Lee 5 | MO | REDACTED | REDACTED | 58.5 | 2.4 | To install new bladder on #5-A GSU conservator. |
| Knox Lee 5 | MO | REDACTED | REDACTED | 128.85 | 5.4 | Install new Relays on the A & B 4 KV Bus |
| Lieberman 3 | MO | REDACTED | REDACTED | 39.58 | 1.6 | State Boiler Inspection |
| Lieberman 3 | MO | REDACTED | REDACTED | 60.17 | 2.5 | inspect and repair boiler tubes. |
| Lieberman 3 | MO | REDACTED | REDACTED | 34.18 | 1.4 | To inspect and repair Boiler |
| Lieberman 3 | MO | REDACTED | REDACTED | 131 | 5.5 | Boiler inspect and repair |
| Lieberman 3 | MO | REDACTED | REDACTED | 0.02 | 0.0 | Boiler Inspection |
| Lieberman 3 | MO | REDACTED | REDACTED | 38.7 | 1.6 | Boiler Inspection. |
| Lieberman 3 | MO | REDACTED | REDACTED | 352 | 14.7 | To inspect and repair sealing well on the circulating water system, divers will be onsite. |
| Lieberman 3 | MO | REDACTED | REDACTED | 48 | 2.0 | inspect and repair Repair gas leak in H2 Cooler, and Balance 3-A Air Heater Rotor |
| Lieberman 3 | MO | REDACTED | REDACTED | 9.45 | 0.4 | Install new lighting transformer |
| Lieberman 3 | MO | REDACTED | REDACTED | 35.55 | 1.5 | To replace Feedwater valve actuator. |
| Lieberman 3 | MO | REDACTED | REDACTED | 77.33 | 3.2 | Transmission Outage |
| Lieberman 3 | MO | REDACTED | REDACTED | 5 | 0.2 | Transmission work |
| Lieberman 4 | MO | REDACTED | REDACTED | 594 | 24.8 | State Boiler Inspection |
| Lieberman 4 | MO | REDACTED | REDACTED | 31.75 | 1.3 | To inspect and repair Boiler and Economizer for possible leaks. |
| Lieberman 4 | MO | REDACTED | REDACTED | 81 | 3.4 | Boiler inspect and repair. |

**SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT MAINTENANCE OUTAGE HISTORY
MARCH 1, 2017 - MARCH 31, 2020**

| Unit Name | Event Code | Actual Start Date | Actual End Date | Actual Outage Duration (Hours) | Actual Outage Duration (Days) | Reason for Outage |
|-------------|------------|-------------------|-----------------|--------------------------------|-------------------------------|---|
| Lieberman 4 | MO | REDACTED | REDACTED | 4.47 | 0.2 | Boiler inspect and repair |
| Lieberman 4 | MO | REDACTED | REDACTED | 85 | 3.5 | To inspect and repair Boiler |
| Lieberman 4 | MO | REDACTED | REDACTED | 416.63 | 17.4 | To inspect boiler |
| Lieberman 4 | MO | REDACTED | REDACTED | 29.97 | 1.2 | Boiler inspect and repair |
| Lieberman 4 | MO | REDACTED | REDACTED | 13.23 | 0.6 | Boiler and Economizer inspect and repair |
| Lieberman 4 | MO | REDACTED | REDACTED | 134.7 | 5.6 | Boiler inspect and repair |
| Lieberman 4 | MO | REDACTED | REDACTED | 69.67 | 2.9 | Economizer inspect and repair |
| Lieberman 4 | MO | REDACTED | REDACTED | 120.35 | 5.0 | To inspect and repair Waterwall Tubes / Economizer Section for possible tube leaks. |
| Lieberman 4 | MO | REDACTED | REDACTED | 88.25 | 3.6 | Economizer inspect and repair |
| Lieberman 4 | MO | REDACTED | REDACTED | 352 | 14.7 | To inspect and repair sealing well on the circulating water system, divers will be onsite.. |
| Lieberman 4 | MO | REDACTED | REDACTED | 525.95 | 21.9 | RAT inspect and repair |
| Lieberman 4 | MO | REDACTED | REDACTED | 9.45 | 0.4 | Install new lighting transformer |
| Lieberman 4 | MO | REDACTED | REDACTED | 271 | 11.3 | Boiler Chemical Cleaning |
| Lieberman 4 | MO | REDACTED | REDACTED | 1.9 | 0.1 | Transmission Work |
| Lieberman 4 | MO | REDACTED | REDACTED | 19.47 | 0.8 | Transmission Work |
| Lieberman 4 | MO | REDACTED | REDACTED | 103.5 | 4.3 | Repair small oil leaks on Turbine Valves |
| Mattison 1 | MO | REDACTED | REDACTED | 105.55 | 4.4 | Replace DGP Relay. |
| Mattison 1 | MO | REDACTED | REDACTED | 22.75 | 0.9 | Line OM-1 Cleaning pig run |
| Mattison 1 | MO | REDACTED | REDACTED | 4 | 0.2 | EGT Pipeline Maintenance |
| Mattison 1 | MO | REDACTED | REDACTED | 11.62 | 0.5 | Main Breaker Relay Replacement |
| Mattison 1 | MO | REDACTED | REDACTED | 7.15 | 0.3 | To replace expansion joint. |
| Mattison 1 | MO | REDACTED | REDACTED | 8 | 0.3 | Test relief valve on the main gas line (5 yr req) |
| Mattison 1 | MO | REDACTED | REDACTED | 33 | 1.4 | Transmission Work |
| Mattison 1 | MO | REDACTED | REDACTED | 82.13 | 3.4 | NERC Relay Testing and EGT Pipeline pigging |
| Mattison 1 | MO | REDACTED | REDACTED | 8.25 | 0.3 | Black Start Testing. |
| Mattison 1 | MO | REDACTED | REDACTED | 6.77 | 0.3 | Black Start Testing. |
| Mattison 1 | MO | REDACTED | REDACTED | 1.98 | 0.1 | Annual Black Start Testing |
| Mattison 1 | MO | REDACTED | REDACTED | 9 | 0.4 | Annual Black Start Testing |
| Mattison 2 | MO | REDACTED | REDACTED | 34.28 | 1.4 | Battery Bank Load Test |
| Mattison 2 | MO | REDACTED | REDACTED | 12.07 | 0.5 | Need to clear out GSU 1 for testing of the relay installed on Unit 1, unable to close 52 breaker on unit 1 to perform the nerc required testing on the new relay. |
| Mattison 2 | MO | REDACTED | REDACTED | 22.75 | 0.9 | Line OM-1 Cleaning pig run |
| Mattison 2 | MO | REDACTED | REDACTED | 4 | 0.2 | EGT Pipeline Maintenance |
| Mattison 2 | MO | REDACTED | REDACTED | 11.62 | 0.5 | Main Breaker Relay Replacement |
| Mattison 2 | MO | REDACTED | REDACTED | 8.08 | 0.3 | To replace expansion joint. |
| Mattison 2 | MO | REDACTED | REDACTED | 8 | 0.3 | Test relief valve on the main gas line. Five year test. |
| Mattison 2 | MO | REDACTED | REDACTED | 33 | 1.4 | Transmission work |
| Mattison 2 | MO | REDACTED | REDACTED | 60.68 | 2.5 | NERC Relay Testing and EGT Pipeline pigging |
| Mattison 2 | MO | REDACTED | REDACTED | 8.25 | 0.3 | Black Start Testing. |
| Mattison 2 | MO | REDACTED | REDACTED | 6.77 | 0.3 | Black Start Testing. |
| Mattison 2 | MO | REDACTED | REDACTED | 1.98 | 0.1 | Annual Black Start Testing |
| Mattison 2 | MO | REDACTED | REDACTED | 9 | 0.4 | Annual Black Start Testing |
| Mattison 3 | MO | REDACTED | REDACTED | 108.05 | 4.5 | Replace DGP Relay. |
| Mattison 3 | MO | REDACTED | REDACTED | 22.75 | 0.9 | Line OM-1 Cleaning pig run |
| Mattison 3 | MO | REDACTED | REDACTED | 8 | 0.3 | Test the relief valve on the main gas line. Five year test. |
| Mattison 3 | MO | REDACTED | REDACTED | 4 | 0.2 | EGT Pipeline Maintenance |
| Mattison 3 | MO | REDACTED | REDACTED | 57.13 | 2.4 | NERC Relay Testing and EGT Pipeline pigging |
| Mattison 3 | MO | REDACTED | REDACTED | 8.25 | 0.3 | Black Start Testing. |

SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT MAINTENANCE OUTAGE HISTORY
MARCH 1, 2017 - MARCH 31, 2020

| Unit Name | Event Code | Actual Start Date | Actual End Date | Actual Outage Duration (Hours) | Actual Outage Duration (Days) | Reason for Outage |
|------------|------------|-------------------|-----------------|--------------------------------|-------------------------------|---|
| Mattison 4 | MO | REDACTED | REDACTED | 4 | 0.2 | Need to clear out GSU 2 for testing of the relay installed on unit 3. Unable to close 52 breaker on unit 3 to perform the nerc required testing on the new relay. |
| Mattison 4 | MO | REDACTED | REDACTED | 22.75 | 0.9 | Line OM-1 Cleaning pig run |
| Mattison 4 | MO | REDACTED | REDACTED | 4 | 0.2 | EGT Pipeline Maintenance |
| Mattison 4 | MO | REDACTED | REDACTED | 8 | 0.3 | Test relief valve on the main gas line. Five year test. |
| Mattison 4 | MO | REDACTED | REDACTED | 57.13 | 2.4 | NERC Relay Testing and EGT Pipeline pigging |
| Mattison 4 | MO | REDACTED | REDACTED | 8.25 | 0.3 | Black Start Testing. |
| Pirkey 1 | MO | REDACTED | REDACTED | 76.97 | 3.2 | Boiler inspect and repair. |
| Pirkey 1 | MO | REDACTED | REDACTED | 129.95 | 5.5 | Precipitator inspect and repair, repair F" HP Heater Shell Relief Valve and Operating Air Vent |
| Pirkey 1 | MO | REDACTED | REDACTED | 163.9 | 6.8 | Pre-Outage work, inspect and repair Air Heater basket pluggage. |
| Pirkey 1 | MO | REDACTED | REDACTED | 72.22 | 3.0 | To inspect and repair water wall tube leak. |
| Pirkey 1 | MO | REDACTED | REDACTED | 79.1 | 3.3 | To inspect and repair Boiler Waterwall Tube leaks |
| Pirkey 1 | MO | REDACTED | REDACTED | 45.33 | 1.9 | To inspect and repair Superheater Tube leak 9.5 elevation northwest corner of the boiler. |
| Pirkey 1 | MO | REDACTED | REDACTED | 120.55 | 5.0 | Boiler Tube Leak / Repair |
| Pirkey 1 | MO | REDACTED | REDACTED | 114.85 | 4.8 | Replace #2 Main Power Transformer Cooling Oil Pump Motor |
| Pirkey 1 | MO | REDACTED | REDACTED | 175.68 | 7.3 | AH wash, PA Htr repairs, Absorber tower repairs. |
| Pirkey 1 | MO | REDACTED | REDACTED | 134.55 | 5.6 | Inspect FGD D" Tower demisters and stack turning vanes." |
| Pirkey 1 | MO | REDACTED | REDACTED | 126.33 | 5.3 | General maintenance |
| Stall 6A | MO | REDACTED | REDACTED | 89.67 | 3.8 | Replace 6A Closed Cooling Pump Mechanical Seal. |
| Stall 6A | MO | REDACTED | REDACTED | 28.4 | 1.2 | Repair 3 Gas Performance Heater Valves |
| Stall 6A | MO | REDACTED | REDACTED | 82.3 | 3.4 | Try to determine cause of STG vibration and Plant DC ground |
| Stall 6A | MO | REDACTED | REDACTED | 83.28 | 3.5 | 6A HRSO drain piping to HRSO Blowdown Tank has hole in drain header. |
| Stall 6A | MO | REDACTED | REDACTED | 173 | 7.2 | Main steam Drain Valve & Actuators replaced during the fall outage. Actuators were undersized and needed replacing. 6B 4-way joint leak piped out the area. |
| Stall 6B | MO | REDACTED | REDACTED | 89.67 | 3.8 | Replace 6A Closed Cooling Pump Mechanical Seal. |
| Stall 6B | MO | REDACTED | REDACTED | 30.73 | 1.3 | Repair 3 Gas Performance Heater Valves |
| Stall 6B | MO | REDACTED | REDACTED | 110.33 | 4.6 | Seimens to Repair 4 way joint on CTG (warranty work) |
| Stall 6B | MO | REDACTED | REDACTED | 22.5 | 0.9 | Replace gasket on borescope inspection plate on CTG disc cavity. |
| Stall 6B | MO | REDACTED | REDACTED | 82.3 | 3.4 | Try to determine cause of STG vibration and Plant DC ground |
| Stall 6B | MO | REDACTED | REDACTED | 173 | 7.2 | Main steam Drain Valve & Actuators replaced during the fall outage. Actuators were undersized and needed replacing. 6B 4-way joint leak piped out the area. |
| Stall 6S | MO | REDACTED | REDACTED | 89.67 | 3.8 | Replace 6A Closed Cooling Pump Mechanical Seal. |
| Stall 6S | MO | REDACTED | REDACTED | 29.35 | 1.2 | 6A & 6B MO to repair gas performance FW valves |

**SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT MAINTENANCE OUTAGE HISTORY
MARCH 1, 2017 - MARCH 31, 2020**

| Unit Name | Event Code | Actual Start Date | Actual End Date | Actual Outage Duration (Hours) | Actual Outage Duration (Days) | Reason for Outage |
|-----------|------------|-------------------|-----------------|--------------------------------|-------------------------------|---|
| Stall 6S | MO | REDACTED | REDACTED | 173 | 7.2 | Main steam Drain Valve & Actuators replaced during the fall outage. Actuators were undersized and needed replacing. 6B 4-way joint leak piped out the area. |
| Stall 6S | MO | REDACTED | REDACTED | 4.8 | 0.2 | LP Turbine Admission stop Valve to STG will not open, (replaced hydraulic seals) |
| Welsh 1 | MO | REDACTED | REDACTED | 30.7 | 1.3 | D" LP Heater head leak repairs." |
| Welsh 1 | MO | REDACTED | REDACTED | 99.75 | 4.2 | Repair Boiler Blowdown Vent, upgrade piping on the Pegging Steam Line at the Deareator, replace Gland Steam Desuperheater and replace various service water valves. |
| Welsh 1 | MO | REDACTED | REDACTED | 177.1 | 7.4 | Main Turbine Lube Oil Vapor Extractor Repair, Boiler High Pressure Valve repairs, PJFF bag repairs, ACI Injection system repairs, 13.8/4kv/480v Switchgear and breaker PMS |
| Welsh 1 | MO | REDACTED | REDACTED | 63.1 | 2.6 | Bubble test the Main & Aux Condensers and check for leaks. Also check the Waterbox inlets for debris. |
| Welsh 1 | MO | REDACTED | REDACTED | 210 | 18.7 | Boiler inspect and repair, BOP work. |
| Welsh 1 | MO | REDACTED | REDACTED | 210 | 8.8 | TDBFP Inboard Seal repairs, TDBFP Speed Probe replacement, Ash Sluice Recirc. line repairs, ID Fan Seal Air Blower inspection, Pulse Jet Fabric Filter (PJFF) inspection for broken bags, Governor Valve Hydraulic Cylinders replacement. |
| Welsh 1 | MO | REDACTED | REDACTED | 14.1 | 0.6 | Exfoliation Outage |
| Welsh 3 | MO | REDACTED | REDACTED | 16.07 | 0.7 | To repair C" Primary Air Fan outlet duct separation at PA duct common header." |
| Welsh 3 | MO | REDACTED | REDACTED | 13.92 | 0.6 | Transmission Outage. |
| Welsh 3 | MO | REDACTED | REDACTED | 4.22 | 0.2 | DC ground in Critical Service Equipment. |
| Welsh 3 | MO | REDACTED | REDACTED | 68.83 | 2.9 | Turbine Driven Boiler Feed Pump inspect and repair |
| Welsh 3 | MO | REDACTED | REDACTED | 119 | 5.0 | Front Standard/HP Shell Inspection and Repairs |
| Welsh 3 | MO | REDACTED | REDACTED | 104.95 | 4.4 | #6 Main Turbine Bearing oil leak and C" Extraction check valve steam leak." |
| Welsh 3 | MO | REDACTED | REDACTED | 24.78 | 1.0 | Repair 3G HP Heater |
| Welsh 3 | MO | REDACTED | REDACTED | 496 | 20.7 | Vacuum air ducts and boiler wind boxes, Boiler inspect and repair, Clean main turbine oil coolers, Precipitator cleaning, Repair LP Heater leaks, Bubble test condenser for tube leaks, Generator meter calibrations |
| Wilkes 1 | MO | REDACTED | REDACTED | 13 | 0.5 | Repair Gland Steam Exhauster Regulating Valve |
| Wilkes 1 | MO | REDACTED | REDACTED | 22.83 | 1.0 | To Repair Main Gas Valve, and 4 KV Reserve Feed Breaker. |
| Wilkes 1 | MO | REDACTED | REDACTED | 168.82 | 7.0 | To repair Boiler skin and refractory |
| Wilkes 1 | MO | REDACTED | REDACTED | 164.62 | 6.9 | Boiler Tube Leak and Hot Spot |
| Wilkes 1 | MO | REDACTED | REDACTED | 90.75 | 3.8 | To repair Economizer tube leak. |
| Wilkes 1 | MO | REDACTED | REDACTED | 63.72 | 2.7 | Economizer Tube Leak Repairs |
| Wilkes 1 | MO | REDACTED | REDACTED | 161 | 6.7 | To inspect and repair Main Power Transformer Bushing Hot Spot. |
| Wilkes 1 | MO | REDACTED | REDACTED | 68.28 | 2 8 | Repair the B" Reserve Feed Breaker" |
| Wilkes 1 | MO | REDACTED | REDACTED | 113.87 | 4.7 | Inspect/Repair A BFP, Replace Transformer Oil Pump, Repair Seal Oil Regulator, and Boiler inspect and repair |
| Wilkes 1 | MO | REDACTED | REDACTED | 232.8 | 9.7 | Boiler inspect and repair |

**SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT MAINTENANCE OUTAGE HISTORY
MARCH 1, 2017 - MARCH 31, 2020**

| Unit Name | Event Code | Actual Start Date | Actual End Date | Actual Outage Duration (Hours) | Actual Outage Duration (Days) | Reason for Outage |
|-----------|------------|-------------------|-----------------|--------------------------------|-------------------------------|--|
| Wilkes 1 | MO | REDACTED | REDACTED | 85.17 | 3.5 | Repair flue gas leak near the bottom of the Burner Box, replace the Gas Valve Positioner, replace 2 Gas Burner Plug Cocks, repair the A" Superheat Spray Valve |
| Wilkes 1 | MO | REDACTED | REDACTED | 6.08 | 0.3 | 2018 Blackstart Test |
| Wilkes 1 | MO | REDACTED | REDACTED | 7.98 | 0.3 | Annual Black Start Test |
| Wilkes 1 | MO | REDACTED | REDACTED | 2.1 | 0.1 | Blackstart Testing |
| Wilkes 1 | MO | REDACTED | REDACTED | 551.98 | 23.0 | Transmission Work |
| Wilkes 1 | MO | REDACTED | REDACTED | 71.28 | 3.0 | Control Valve Linkage repairs. |
| Wilkes 2 | MO | REDACTED | REDACTED | 140.03 | 5.8 | B" FD Fan out of service due to high vibration repairs" |
| Wilkes 2 | MO | REDACTED | REDACTED | 31.25 | 1.3 | Boiler inspect and repair. |
| Wilkes 2 | MO | REDACTED | REDACTED | 10.3 | 0.4 | inspect and repair orifice plate in the gas line |
| Wilkes 2 | MO | REDACTED | REDACTED | 336 | 14.0 | Superheater, Reheater, Superheat Outlet Header, and Reheat Outlet Header Replacement. |
| Wilkes 2 | MO | REDACTED | REDACTED | 254.75 | 10.6 | Tube leak repairs |
| Wilkes 2 | MO | REDACTED | REDACTED | 148.88 | 6.2 | Repair UPS and replace the bad no load switches and calibrate main steam stop valve |
| Wilkes 2 | MO | REDACTED | REDACTED | 153.33 | 6.4 | Tejas pipeline restriction |
| Wilkes 2 | MO | REDACTED | REDACTED | 3 | 0.1 | Due to Relay work making the Reserve Power Feed to the plant Unavailable. |
| Wilkes 2 | MO | REDACTED | REDACTED | 5.87 | 0.2 | Transmission Work |
| Wilkes 2 | MO | REDACTED | REDACTED | 72.78 | 3.0 | Transmission Work |
| Wilkes 2 | MO | REDACTED | REDACTED | 9.22 | 0.4 | Reserve power to the unit unavailable. |
| Wilkes 2 | MO | REDACTED | REDACTED | 13.92 | 0.6 | Plant Reserve Power u/a |
| Wilkes 2 | MO | REDACTED | REDACTED | 6.25 | 0.3 | Blackstart Test for Wilkes 1 |
| Wilkes 2 | MO | REDACTED | REDACTED | 112 | 4.7 | Transmission Outage |
| Wilkes 2 | MO | REDACTED | REDACTED | 154.62 | 6.4 | Remove Fine Mesh Screens from Turbine Valves |
| Wilkes 3 | MO | REDACTED | REDACTED | 30.13 | 1.3 | A" FD Fan Inboard Motor Bearing inspect and repair." |
| Wilkes 3 | MO | REDACTED | REDACTED | 1.53 | 0.1 | to replace a PLC card in the Gas yard. |
| Wilkes 3 | MO | REDACTED | REDACTED | 498.43 | 20.8 | Riser Tube Borescope Inspection. |
| Wilkes 3 | MO | REDACTED | REDACTED | 14 | 0.6 | inspect and repair orifice plate in the gas line |
| Wilkes 3 | MO | REDACTED | REDACTED | 26.18 | 1.1 | Replace leaking Blocking Valve on B Superheat Spray Regulator |
| Wilkes 3 | MO | REDACTED | REDACTED | 129.75 | 5.4 | To install new CEMS equipment. |
| Wilkes 3 | MO | REDACTED | REDACTED | 12.42 | 0.5 | Transmission Work |
| Wilkes 3 | MO | REDACTED | REDACTED | 3 | 0.1 | Due to Relay work making the Reserve Power Feed to the plant Unavailable. |
| Wilkes 3 | MO | REDACTED | REDACTED | 37 | 1.5 | Transmission Work |
| Wilkes 3 | MO | REDACTED | REDACTED | 72.78 | 3.0 | Transmission Work |
| Wilkes 3 | MO | REDACTED | REDACTED | 9.22 | 0.4 | Reserve power to the unit unavailable. |
| Wilkes 3 | MO | REDACTED | REDACTED | 5.3 | 0.2 | Repair A" EHC pump breaker" |
| Wilkes 3 | MO | REDACTED | REDACTED | 4.5 | 0.2 | To replace tray on 480V breaker. The Buss will need to be de-energized. |
| Wilkes 3 | MO | REDACTED | REDACTED | 6.45 | 0.3 | Plant Reserve Power u/a. |
| Wilkes 3 | MO | REDACTED | REDACTED | 0.02 | 0.0 | E heater inlet motorized valve has gears broken. |
| Wilkes 3 | MO | REDACTED | REDACTED | 12 | 0.5 | Remove Front Standard cover for measurements. |
| Wilkes 3 | MO | REDACTED | REDACTED | 6.25 | 0.3 | Blackstart Test for Wilkes 1 |
| Wilkes 3 | MO | REDACTED | REDACTED | 7.82 | 0.3 | Black-start test on Wilkes Unit 1. Unit #3 could not be started during this test. |
| Wilkes 3 | MO | REDACTED | REDACTED | 112 | 4.7 | Transmission Outage |
| Wilkes 3 | MO | REDACTED | REDACTED | 233 | 9.7 | Turbine Valve Strainers |

SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT OUTAGE PLANNING

This schedule contains Non-Confidential and Highly Sensitive information. For the Highly Sensitive information,

SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT OUTAGE PLANNING

| Plant | Unit | Projected Start Date | Projected Length of Outage (Days) | Reason for Outage |
|--------------|------|----------------------|-----------------------------------|------------------------------|
| ARSENAL HILL | 5 | REDACTED | 28 | Spring Outage |
| ARSENAL HILL | 5 | REDACTED | 14 | Planned Maintenance |
| ARSENAL HILL | 5 | REDACTED | 14 | Planned Maintenance |
| ARSENAL HILL | 5 | REDACTED | 28 | Spring Outage |
| DOLET | 1 | REDACTED | 30 | Spring Outage |
| DOLET | 1 | REDACTED | 30 | Spring Outage |
| DOLET | 1 | REDACTED | 30 | Spring Outage |
| DOLET | 1 | REDACTED | 30 | Spring Outage |
| DOLET | 1 | REDACTED | 28 | Spring Outage |
| DOLET | 1 | REDACTED | 9 | Planned Maintenance |
| FLINT CREEK | 1 | REDACTED | 37 | Spring Outage |
| FLINT CREEK | 1 | REDACTED | 86 | CCR/ELG Tie-In Outage |
| FLINT CREEK | 1 | REDACTED | 30 | Spring Outage |
| FLINT CREEK | 1 | REDACTED | 30 | Spring Outage |
| FLINT CREEK | 1 | REDACTED | 37 | Spring Outage |
| FLINT CREEK | 1 | REDACTED | 30 | Spring Outage |
| KNOX LEE | 5 | REDACTED | 85 | Turbine Controls Replacement |
| KNOX LEE | 5 | REDACTED | 29 | Fall Outage |
| KNOX LEE | 5 | REDACTED | 35 | Spring Outage |
| KNOX LEE | 5 | REDACTED | 36 | Fall Outage |
| LIEBERMAN | 3 | REDACTED | 14 | Planned Maintenance |
| LIEBERMAN | 3 | REDACTED | 14 | Planned Maintenance |
| LIEBERMAN | 4 | REDACTED | 14 | Planned Maintenance |
| MATTISON | 1 | REDACTED | 12 | Planned Maintenance |
| MATTISON | 1 | REDACTED | 5 | Planned Maintenance |
| MATTISON | 1 | REDACTED | 6 | Planned Maintenance |
| MATTISON | 1 | REDACTED | 5 | Planned Maintenance |
| MATTISON | 1 | REDACTED | 6 | Planned Maintenance |
| MATTISON | 1 | REDACTED | 7 | Planned Maintenance |
| MATTISON | 1 | REDACTED | 6 | Planned Maintenance |
| MATTISON | 1 | REDACTED | 7 | Planned Maintenance |
| MATTISON | 1 | REDACTED | 6 | Planned Maintenance |
| MATTISON | 1 | REDACTED | 58 | Major Overhaul |
| MATTISON | 1 | REDACTED | 6 | Planned Maintenance |
| MATTISON | 1 | REDACTED | 7 | Planned Maintenance |
| MATTISON | 2 | REDACTED | 12 | Planned Maintenance |
| MATTISON | 2 | REDACTED | 5 | Planned Maintenance |
| MATTISON | 2 | REDACTED | 6 | Planned Maintenance |
| MATTISON | 2 | REDACTED | 5 | Planned Maintenance |
| MATTISON | 2 | REDACTED | 6 | Planned Maintenance |
| MATTISON | 2 | REDACTED | 7 | Planned Maintenance |
| MATTISON | 2 | REDACTED | 6 | Planned Maintenance |
| MATTISON | 2 | REDACTED | 7 | Planned Maintenance |
| MATTISON | 2 | REDACTED | 6 | Planned Maintenance |

SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT OUTAGE PLANNING

| Plant | Unit | Projected Start Date | Projected Length of Outage (Days) | Reason for Outage |
|----------|------|----------------------|-----------------------------------|-----------------------|
| MATTISON | 2 | REDACTED | 7 | Planned Maintenance |
| MATTISON | 2 | REDACTED | 6 | Planned Maintenance |
| MATTISON | 2 | REDACTED | 7 | Planned Maintenance |
| MATTISON | 3 | REDACTED | 6 | Planned Maintenance |
| MATTISON | 3 | REDACTED | 5 | Planned Maintenance |
| MATTISON | 3 | REDACTED | 6 | Planned Maintenance |
| MATTISON | 3 | REDACTED | 5 | Planned Maintenance |
| MATTISON | 3 | REDACTED | 9 | Planned Maintenance |
| MATTISON | 3 | REDACTED | 7 | Planned Maintenance |
| MATTISON | 3 | REDACTED | 6 | Planned Maintenance |
| MATTISON | 3 | REDACTED | 58 | Major Overhaul |
| MATTISON | 3 | REDACTED | 6 | Planned Maintenance |
| MATTISON | 3 | REDACTED | 7 | Planned Maintenance |
| MATTISON | 3 | REDACTED | 3 | Planned Maintenance |
| MATTISON | 3 | REDACTED | 7 | Planned Maintenance |
| MATTISON | 4 | REDACTED | 6 | Planned Maintenance |
| MATTISON | 4 | REDACTED | 5 | Planned Maintenance |
| MATTISON | 4 | REDACTED | 6 | Planned Maintenance |
| MATTISON | 4 | REDACTED | 5 | Planned Maintenance |
| MATTISON | 4 | REDACTED | 6 | Planned Maintenance |
| MATTISON | 4 | REDACTED | 7 | Planned Maintenance |
| MATTISON | 4 | REDACTED | 6 | Planned Maintenance |
| MATTISON | 4 | REDACTED | 7 | Planned Maintenance |
| MATTISON | 4 | REDACTED | 6 | Planned Maintenance |
| MATTISON | 4 | REDACTED | 7 | Planned Maintenance |
| MATTISON | 4 | REDACTED | 58 | Planned Maintenance |
| MATTISON | 4 | REDACTED | 7 | Planned Maintenance |
| PIRKEY | 1 | REDACTED | 28 | Spring Outage |
| PIRKEY | 1 | REDACTED | 85 | CCR/ELG Tie-In Outage |
| PIRKEY | 1 | REDACTED | 35 | Fall Outage |
| PIRKEY | 1 | REDACTED | 35 | Fall Outage |
| PIRKEY | 1 | REDACTED | 28 | Fall Outage |
| PIRKEY | 1 | REDACTED | 49 | Spring Outage |
| STALL | 6A | REDACTED | 7 | Planned Maintenance |
| STALL | 6A | REDACTED | 21 | Planned Maintenance |
| STALL | 6A | REDACTED | 9 | Planned Maintenance |
| STALL | 6A | REDACTED | 35 | Planned Maintenance |
| STALL | 6A | REDACTED | 9 | Planned Maintenance |
| STALL | 6A | REDACTED | 35 | Planned Maintenance |
| STALL | 6A | REDACTED | 9 | Planned Maintenance |
| STALL | 6A | REDACTED | 21 | Planned Maintenance |
| STALL | 6A | REDACTED | 9 | Planned Maintenance |
| STALL | 6A | REDACTED | 21 | Planned Maintenance |
| STALL | 6A | REDACTED | 9 | Planned Maintenance |

SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT OUTAGE PLANNING

| Plant | Unit | Projected Start Date | Projected Length of Outage (Days) | Reason for Outage |
|--------|------|----------------------|-----------------------------------|-----------------------|
| STALL | 6A | REDACTED | 21 | Planned Maintenance |
| STALL | 6B | REDACTED | 7 | Planned Maintenance |
| STALL | 6B | REDACTED | 21 | Planned Maintenance |
| STALL | 6B | REDACTED | 9 | Planned Maintenance |
| STALL | 6B | REDACTED | 35 | Planned Maintenance |
| STALL | 6B | REDACTED | 9 | Planned Maintenance |
| STALL | 6B | REDACTED | 35 | Planned Maintenance |
| STALL | 6B | REDACTED | 9 | Planned Maintenance |
| STALL | 6B | REDACTED | 21 | Planned Maintenance |
| STALL | 6B | REDACTED | 9 | Planned Maintenance |
| STALL | 6B | REDACTED | 21 | Planned Maintenance |
| STALL | 6B | REDACTED | 9 | Planned Maintenance |
| STALL | 6B | REDACTED | 21 | Planned Maintenance |
| STALL | 6S | REDACTED | 21 | Planned Maintenance |
| STALL | 6S | REDACTED | 9 | Planned Maintenance |
| STALL | 6S | REDACTED | 35 | Turbine Inspection |
| STALL | 6S | REDACTED | 9 | Planned Maintenance |
| STALL | 6S | REDACTED | 35 | Turbine Inspection |
| STALL | 6S | REDACTED | 9 | Planned Maintenance |
| STALL | 6S | REDACTED | 21 | Planned Maintenance |
| STALL | 6S | REDACTED | 9 | Planned Maintenance |
| STALL | 6S | REDACTED | 21 | Planned Maintenance |
| STALL | 6S | REDACTED | 9 | Planned Maintenance |
| STALL | 6S | REDACTED | 21 | Planned Maintenance |
| TURK | 1 | REDACTED | 44 | Spring Outage |
| TURK | 1 | REDACTED | 9 | Planned Maintenance |
| TURK | 1 | REDACTED | 23 | Planned Maintenance |
| TURK | 1 | REDACTED | 72 | Turbine Overhaul |
| TURK | 1 | REDACTED | 23 | Spring Outage |
| TURK | 1 | REDACTED | 30 | Fall Outage |
| WELSH | 1 | REDACTED | 22 | Spring Outage |
| WELSH | 1 | REDACTED | 86 | CCR/ELG Tie-In Outage |
| WELSH | 1 | REDACTED | 30 | Fall Outage |
| WELSH | 1 | REDACTED | 30 | Spring Outage |
| WELSH | 1 | REDACTED | 58 | Spring Outage |
| WELSH | 3 | REDACTED | 51 | Spring Outage |
| WELSH | 3 | REDACTED | 86 | CCR/ELG Tie-In Outage |
| WELSH | 3 | REDACTED | 30 | Spring Outage |
| WELSH | 3 | REDACTED | 58 | Fall Outage |
| WELSH | 3 | REDACTED | 30 | Spring Outage |
| WILKES | 1 | REDACTED | 14 | Planned Maintenance |
| WILKES | 1 | REDACTED | 14 | Planned Maintenance |
| WILKES | 1 | REDACTED | 28 | Planned Maintenance |
| WILKES | 1 | REDACTED | 14 | Planned Maintenance |

SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT OUTAGE PLANNING

| Plant | Unit | Projected Start Date | Projected Length of Outage (Days) | Reason for Outage |
|--------|------|----------------------|-----------------------------------|------------------------------|
| WILKES | 1 | REDACTED | 14 | Planned Maintenance |
| WILKES | 1 | REDACTED | 28 | Planned Maintenance |
| WILKES | 2 | REDACTED | 56 | Turbine Controls Replacement |
| WILKES | 2 | REDACTED | 14 | Planned Maintenance |
| WILKES | 2 | REDACTED | 28 | Planned Maintenance |
| WILKES | 2 | REDACTED | 14 | Planned Maintenance |
| WILKES | 2 | REDACTED | 14 | Planned Maintenance |
| WILKES | 2 | REDACTED | 28 | Planned Maintenance |
| WILKES | 3 | REDACTED | 14 | Planned Maintenance |
| WILKES | 3 | REDACTED | 14 | Planned Maintenance |
| WILKES | 3 | REDACTED | 28 | Planned Maintenance |
| WILKES | 3 | REDACTED | 21 | Planned Maintenance |
| WILKES | 3 | REDACTED | 14 | Planned Maintenance |
| WILKES | 3 | REDACTED | 28 | Planned Maintenance |

SOUTHWESTERN ELECTRIC POWER COMPANY
Nuclear Unit Incremental Outage Costs
For the Test Year Ended March 31, 2020

This information is not applicable to Southwestern Electric Power Company

SOUTHWESTERN ELECTRIC POWER COMPANY FOSSIL UNIT INCREMENTAL OUTAGE COSTS

PLANT NAME: Flint Creek

UNIT DESIGNATION: 1

OUTAGE NUMBER: 15

ACTUAL START DATE 3/30/19 2:13 AM

ACTUAL END DATE: 5/9/19 10:36 AM

OUTAGE DURATION: (Days)

[illegible]

TOTAL EXPENSES: \$733,814

NOTES:

- 1) Do not report outages under \$500,000.
- 2) Expenses listed are total amounts, not SWEPCO portion only.
- 3) Do not include straight time SWEPCO labor cost.

SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT INCREMENTAL OUTAGE COSTS

PLANT NAME: Turk

UNIT DESIGNATION: 1

OUTAGE NUMBER: 7

ACTUAL START DATE 4/27/19 1:02 AM

ACTUAL END DATE: 5/20/19 1:35 AM

OUTAGE DURATION: (Days)

[illegible]

TOTAL EXPENSES: \$1,327,284

NOTES:

- 1) Do not report outages under \$500,000.
- 2) Expenses listed are total amounts, not SWEPCO portion only.
- 3) Do not include straight time SWEPCO labor cost.

SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT INCREMENTAL OUTAGE COSTS

PLANT NAME: Welsh

UNIT DESIGNATION: 1

OUTAGE NUMBER: 17

ACTUAL START DATE 3/23/19 12:00 AM

ACTUAL END DATE: 4/19/19 9:56 PM

OUTAGE DURATION: (Days)

[illegible]

| | |
|-----------------|-----------|
| TOTAL EXPENSES: | \$845,578 |
|-----------------|-----------|

NOTES:

- 1) Do not report outages under \$500,000.
- 2) Expenses listed are total amounts, not SWEPCO portion only.
- 3) Do not include straight time SWEPCO labor cost.

SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT INCREMENTAL OUTAGE COSTS

PLANT NAME:

UNIT DESIGNATION:

OUTAGE NUMBER:

ACTUAL START DATE:

ACTUAL END DATE:

OUTAGE DURATION:
(Days)

| FERC ACCOUNT NUMBER | DESCRIPTION | ACTUAL EXPENSES |
|---------------------------|-------------------------------|--------------------|
| OPERATIONS | | |
| | | |
| MAINTENANCE | | |
| 5120000 | Maintenance of Boiler Plant | \$499,689 |
| 5130000 | Maintenance of Electric Plant | \$210,200 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

TOTAL EXPENSES:

NOTES:

- 1) Do not report outages under \$500,000.
- 2) Expenses listed are total amounts, not SWEPCO portion only.
- 3) Do not include straight time SWEPCO labor cost.

SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT INCREMENTAL OUTAGE COSTS

PLANT NAME: Pirkey

UNIT DESIGNATION: 1

OUTAGE NUMBER: 86

ACTUAL START DATE 9/6/19 10:00 PM

ACTUAL END DATE: 11/18/19 8:06 PM

OUTAGE DURATION: (Days)

[illegible]

| | |
|-----------------|-------------|
| TOTAL EXPENSES: | \$2,578,206 |
|-----------------|-------------|

NOTES:

- 1) Do not report outages under \$500,000.
- 2) Expenses listed are total amounts, not SWEPCO portion only.
- 3) Do not include straight time SWEPCO labor cost.

SOUTHWESTERN ELECTRIC POWER COMPANY FOSSIL UNIT INCREMENTAL OUTAGE COSTS

PLANT NAME: Stall

UNIT DESIGNATION: 6A

OUTAGE NUMBER: 19

ACTUAL START DATE 10/4/19 11:08 PM

ACTUAL END DATE: 12/15/19 4:31 AM

OUTAGE DURATION: 71
(Days)

[illegible]

TOTAL EXPENSES: \$667,657

NOTES:

- 1) Do not report outages under \$500,000.
- 2) Expenses listed are total amounts, not SWEPCO portion only.
- 3) Do not include straight time SWEPCO labor cost.

SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT INCREMENTAL OUTAGE COSTS

PLANT NAME: Stall

UNIT DESIGNATION: 6S

OUTAGE NUMBER: 25

ACTUAL START DATE 10/4/19 10:53 PM

ACTUAL END DATE: 12/14/19 12:34 PM

OUTAGE DURATION: 71
(Days)

[illegible]

TOTAL EXPENSES: \$1,890,230

NOTES:

- 1) Do not report outages under \$500,000.
- 2) Expenses listed are total amounts, not SWEPCO portion only.
- 3) Do not include straight time SWEPCO labor cost.

SOUTHWESTERN ELECTRIC POWER COMPANY
FOSSIL UNIT INCREMENTAL OUTAGE COSTS

PLANT NAME: Welsh

UNIT DESIGNATION: 3

OUTAGE NUMBER: 52

ACTUAL START DATE 9/20/19 10:03 PM

ACTUAL END DATE: 10/25/19 6:47 AM

OUTAGE DURATION: (Days)

[illegible]

| | |
|-----------------|-------------|
| TOTAL EXPENSES: | \$1,527,806 |
|-----------------|-------------|

NOTES:

- 1) Do not report outages under \$500,000.
- 2) Expenses listed are total amounts, not SWEPCO portion only.
- 3) Do not include straight time SWEPCO labor cost.

SWEPCO has not produced any new company-wide production staffing plans since its last Base Rate Filing in PUCT Docket No. 46449.

SWEPCO Solid Fuel Unit
Staffing Model

Coal Plant 1.0 - Single Unit
Model Assumptions

| | Coal Plant 1.0 | Comments | Drivers |
|-------------------------------|----------------|---|--|
| Operations | 38 | | |
| Supervisor | 5 | (1.0) 5 Shift Supervisors with training completed by Shift Supervisors | # of shifts |
| Supervisor Assistant | | | |
| CR Operator | 5 | Assumes unit control room is separate from FGD control room | # of Control Rooms 4 or 5 team schedule |
| Equip Operator | 15 | Assumes 3 per shift | # of units to monitor # and type of equipment |
| FGD Operator | 5 | Assuming FGD control room is separate from unit control room | # of Control Rooms 4 or 5 team schedule |
| Lab & Env. Supervisor | 1 | | |
| Lab Technician | 5 | | # of samples (used AEP BIC as a benchmark) |
| Clearance Coordinator | 1 | Clearance Coordinator could be hourly or supervisory. | # of equipment |
| Operations Trainer | 0 | Training completed by Shift Supervisors | |
| Operations Specialist | 1 | | |
| Maintenance | 44 | | |
| Supervisor | 5 | Estimates 3 MTCE and 2 I&C Supervisors | # of crews |
| Planner | 5 | | # of crews |
| Outage Coordinator | 1 | | # of outages |
| Mech/Welder | 20 | No assumptions made about whether or not to assign mechanically skilled employees to shift | # and type of equipment |
| ICE Technician | 13 | No assumptions made about whether or not to assign Instrument/Electrical skilled employees to shift | # and type of equipment |
| Materials Handling | 19 | | |
| Supervisor | 1 | | |
| Coal Handler/Mech | 18 | Based on AEP best in class | # and type of equipment product throughput |
| Management/Staff | 13 | | |
| Manager | 1 | | |
| Maint Superintendent | 1 | | |
| Oper Superintendent | 1 | | |
| MH Lead | 1 | | |
| Admin Supervisor | 1 | | |
| Admin Assistant | 3 | | |
| Contractor Coord. | 1 | | |
| Process / System Owner | 1 | Process/System Owner - process improvement, contractor oversight, etc. | |
| Plant Env Coordinator | 1 | PEC is assigned to the large coal plants | |
| S&H Coordinator | 1 | S&H Coordinator is assigned to the large coal plants | |
| Continuous Improvement Coord. | 1 | Includes HPI, Lean, etc. | |
| | | | |
| Total | 114 | | |

**SWEPCO Solid Fuel Unit
Staffing Model**

Coal Plant 1.0 - Single Unit

600-800 MW

| | Coal Plant 1.0 | Pirkey |
|-------------------------------|----------------|------------|
| Operations | 38 | 36 |
| Supervisor | 5 | 6 |
| CR Operator | 5 | 5 |
| Equip Operator | 15 | 10 |
| FGD Operator | 5 | 10 |
| Lab & Env. Supervisor | 1 | 1 |
| Lab Technician | 5 | 3 |
| Clearance Coordinator | 1 | 0 |
| Operations Specialist | 1 | 1 |
| Maintenance | 44 | 40 |
| Supervisor | 5 | 5 |
| Planner | 5 | 1 |
| Outage Coordinator | 1 | 1 |
| Mech/Welder | 20 | 19 |
| ICE Technician | 13 | 13 |
| Janitor/Laborer | 0 | 1 |
| Materials Handling | 19 | 22 |
| Supervisor | 1 | 2 |
| Coal Handler/Mech | 18 | 19 |
| Janitor/Laborer | 0 | 1 |
| Management/Staff | 13 | 9 |
| Manager | 1 | 1 |
| Maint Superintendent | 1 | 1 |
| Oper Superintendent | 1 | 1 |
| MH Lead | 1 | 1 |
| Admin Supervisor | 1 | 1 |
| Admin Assistant | 3 | 2 |
| Contractor Coord. | 1 | 0 |
| Process / System Owner | 1 | 1 |
| Plant Env Coordinator | 1 | 0 |
| S&H Coordinator | 1 | 0 |
| Continuous Improvement Coord. | 1 | 1 |
| Total | 114 | 107 |

**SWEPSCO Solid Fuel Unit
Staffing Model**

Coal Plant 2.0 - Two Units

| | Welsh Model (2) 800 MW | Welsh Actual (2) 550 MW |
|-------------------------------|---------------------------|----------------------------|
| | Coal Plant 2.0 | Coal Plant 2.0 |
| Operations | 58 | 45 |
| Supervisor | 5 | 5 |
| CR Operator | 10 | 17 |
| Equip Operator | 28 | 16 |
| FGD Operator | 5 | 0 |
| Lab & Env. Supervisor | 1 | 1 |
| Lab Technician | 6 | 3 |
| Clearance Coordinator | 1 | 1 |
| Operations Trainer | 1 | 1 |
| Operations Specialist | 1 | 1 |
| Maintenance | 77 | 53 |
| Supervisor | 8 | 6 |
| Planner | 8 | 4 |
| Outage Coordinator | 1 | 1 |
| Mech/Welder | 40 | 22 |
| ICE Technician | 20 | 20 |
| Materials Handling | 38 | 15 |
| Supervisor | 3 | 1 |
| Coal Handler/Mech | 35 | 14 |
| Management/Staff | 15 | 11 |
| Manager | 1 | 1 |
| Maint Superintendent | 1 | 1 |
| Oper Superintendent | 1 | 1 |
| MH Lead | 1 | 0 |
| Admin Supervisor | 1 | 1 |
| Admin Assistant | 4 | 4 |
| Contractor Coord. | 1 | 0 |
| Process / System Owner | 2 | 1 |
| Plant Env Coordinator | 1 | 1 |
| S&H Coordinator | 1 | 0 |
| Continuous Improvement Coord. | 1 | 1 |
| Total | 188 | 124 |

**SWEPCO Solid Fuel Unit
Staffing Model**

Coal Plant 1.0 - Single Unit

| | 600-800 MW | |
|-------------------------------|----------------|-------------|
| | Coal Plant 1.0 | Flint Creek |
| Operations | 38 | 31 |
| Supervisor | 5 | 5 |
| CR Operator | 5 | 5 |
| Equip Operator | 15 | 10 |
| FGD Operator | 5 | 5 |
| Lab & Env. Supervisor | 1 | 1 |
| Lab Technician | 5 | 3 |
| Clearance Coordinator | 1 | 1 |
| Operations Specialist | 1 | 1 |
| Maintenance | 44 | 34 |
| Supervisor | 5 | 4 |
| Planner | 5 | 2 |
| Outage Coordinator | 1 | 0 |
| Mech/Welder | 20 | 12 |
| ICE Technician | 13 | 16 |
| Materials Handling | 19 | 15 |
| Supervisor | 1 | 1 |
| Coal Handler/Mech | 18 | 14 |
| Management/Staff | 13 | 12 |
| Manager | 1 | 1 |
| Maint Superintendent | 1 | 1 |
| Oper Superintendent | 1 | 1 |
| MH Lead | 1 | 1 |
| Admin Supervisor | 1 | 1 |
| Admin Assistant | 3 | 3 |
| Contractor Coord. | 1 | 0 |
| Process / System Owner | 1 | 2 |
| Plant Env Coordinator | 1 | 1 |
| S&H Coordinator | 1 | 1 |
| Continuous Improvement Coord. | 1 | 0 |
| Total | 114 | 92 |

**SWEPCO Solid Fuel Unit
Staffing Model**

Coal Plant 1.0 - Single Unit

600-800 MW

| | Coal Plant 1.0 | Turk. |
|-------------------------------|----------------|------------|
| Operations | 38 | 39 |
| Supervisor | 5 | 5 |
| CR Operator | 5 | 17 |
| Equip Operator | 15 | 9 |
| FGD Operator | 5 | 0 |
| Lab & Env. Supervisor | 1 | 1 |
| Lab Technician | 5 | 6 |
| Clearance Coordinator | 1 | 0 |
| Operations Specialist | 1 | 1 |
| Maintenance | 44 | 45 |
| Supervisor | 5 | 5 |
| Planner | 5 | 3 |
| Outage Coordinator | 1 | 1 |
| Mech/Welder | 20 | 23 |
| ICE Technician | 13 | 13 |
| Materials Handling | 19 | 18 |
| Supervisor | 1 | 0 |
| Coal Handler/Mech | 18 | 18 |
| Management/Staff | 13 | 10 |
| Manager | 1 | 1 |
| Maint Superintendent | 1 | 1 |
| Oper Superintendent | 1 | 1 |
| MH Lead | 1 | 1 |
| Admin Supervisor | 1 | 1 |
| Admin Assistant | 3 | 3 |
| Contractor Coord. | 1 | 0 |
| Process / System Owner | 1 | 2 |
| Plant Env Coordinator | 1 | 0 |
| S&H Coordinator | 1 | 0 |
| Continuous Improvement Coord. | 1 | 0 |
| Total | 114 | 112 |



Coal Plant 1.0

Basis for Model

- Supercritical single unit plant (600 – 800 MW unit)
- Equipped with scrubber and SCR technologies
- There will be 1 scrubber control room for the entire plant
- Fuel unloading is by barge or rail
- EFOR will be 8% or less
- Expected service hours is approximately 7,500 / yr
- Employee overtime is 15 – 20% (compared 4 and 5 team data)
- Equipment is assumed in sound condition
- Facilities will not be allowed to get into bad / dangerous shape
- Equipment is sized properly for the fuel throughput, ash characteristics, etc.
- Emergency response will be to stabilize the situation until professionals arrive
- Project / Regional engineering support will be from others



Coal Plant 1.0

Basis for Model

- Plant Operators will be cross-functional for very basic tasks
- Instrument and Electrician skills will be combined in the model
- Planning effectiveness will be equal to a high performing organization
- Supervision of contractors will be in house for running maintenance
- Ash management is contracted out
- Maintenance Supervisor ratio will be 7-9 : 1
- Materials Handling staff does not include harbor crew
- Materials Handling wash-downs done by a contractor
- There will not be staffing for employee development
- The 1.0 Model has 7 mechanical and electrical contractors supporting running maintenance.
- No float positions for execution of “programs”